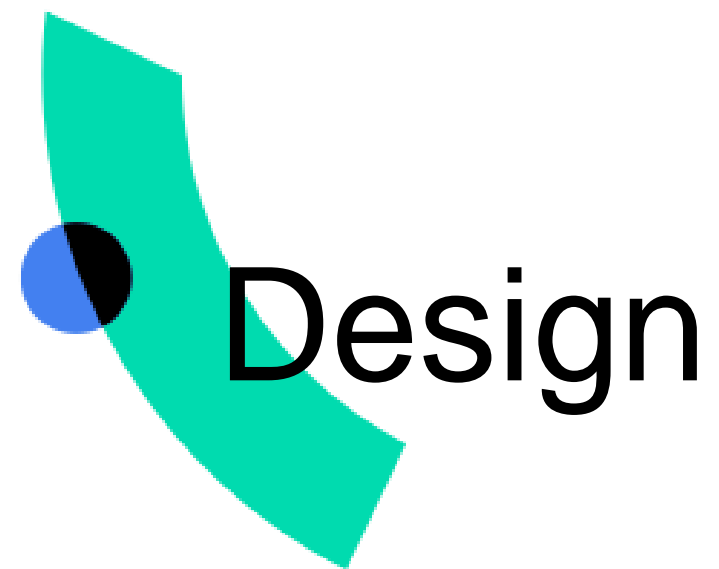


# **A Reviewer's Guide to ColorOS 7**





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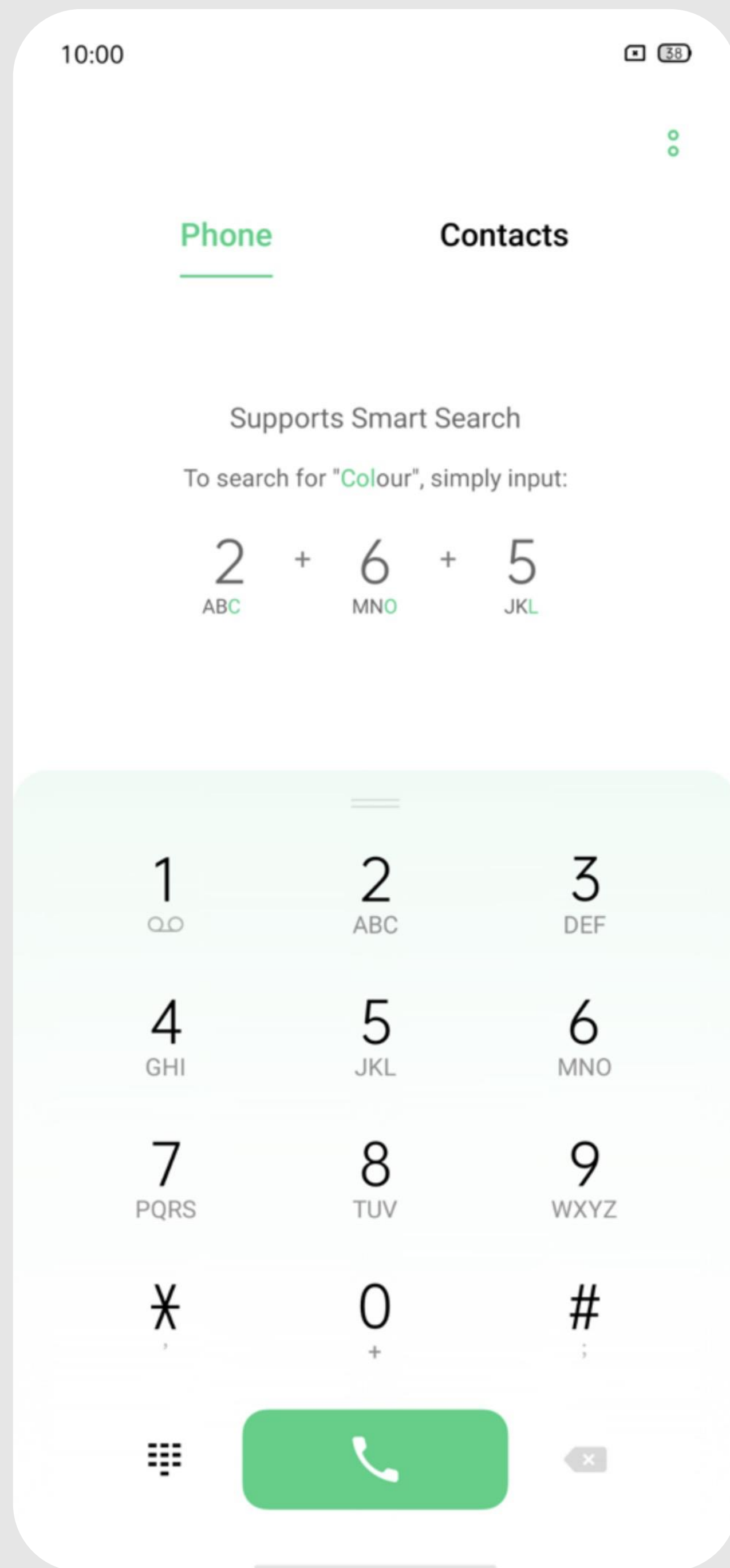
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Design





# Lightweight Design

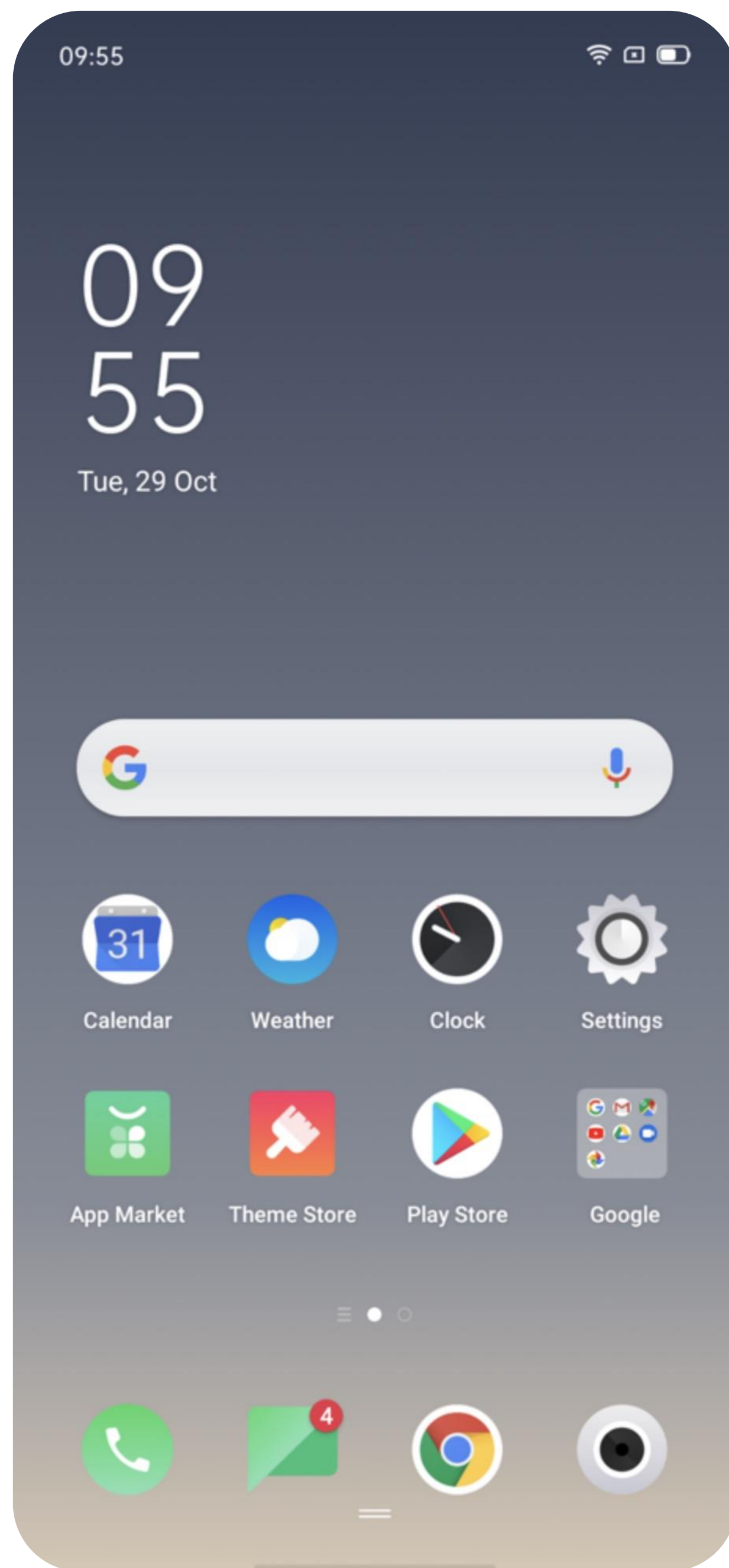
ColorOS 7 introduces a more lightweight design and intuitive interface that brings user experience to the next level.



# Lightweight Icons



Our new icons feature thinner lines, an improved design, and are more legible and stylized.



# A Whole New Style

Fewer strokes, better proportions. The minimalist icon design brings you unmatched distinctness and clarity.

Color saturation has been thoughtfully modified to reduce eye strain.



# More Icon Style

ColorOS 7 offers 3 sets of exclusively designed icon styles to choose from: the Rectangle, Pebble, and Material styles.

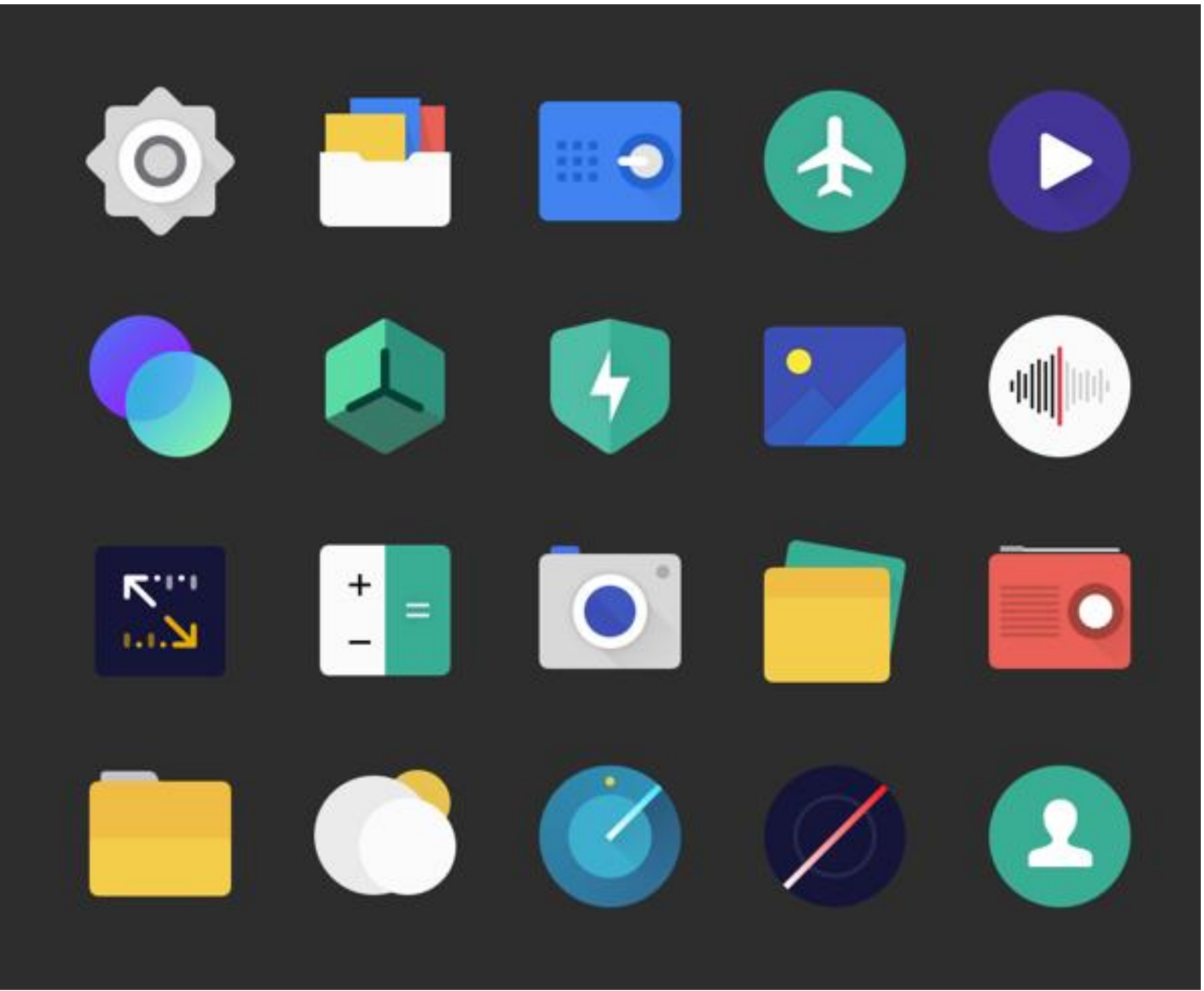




# Pebble Style

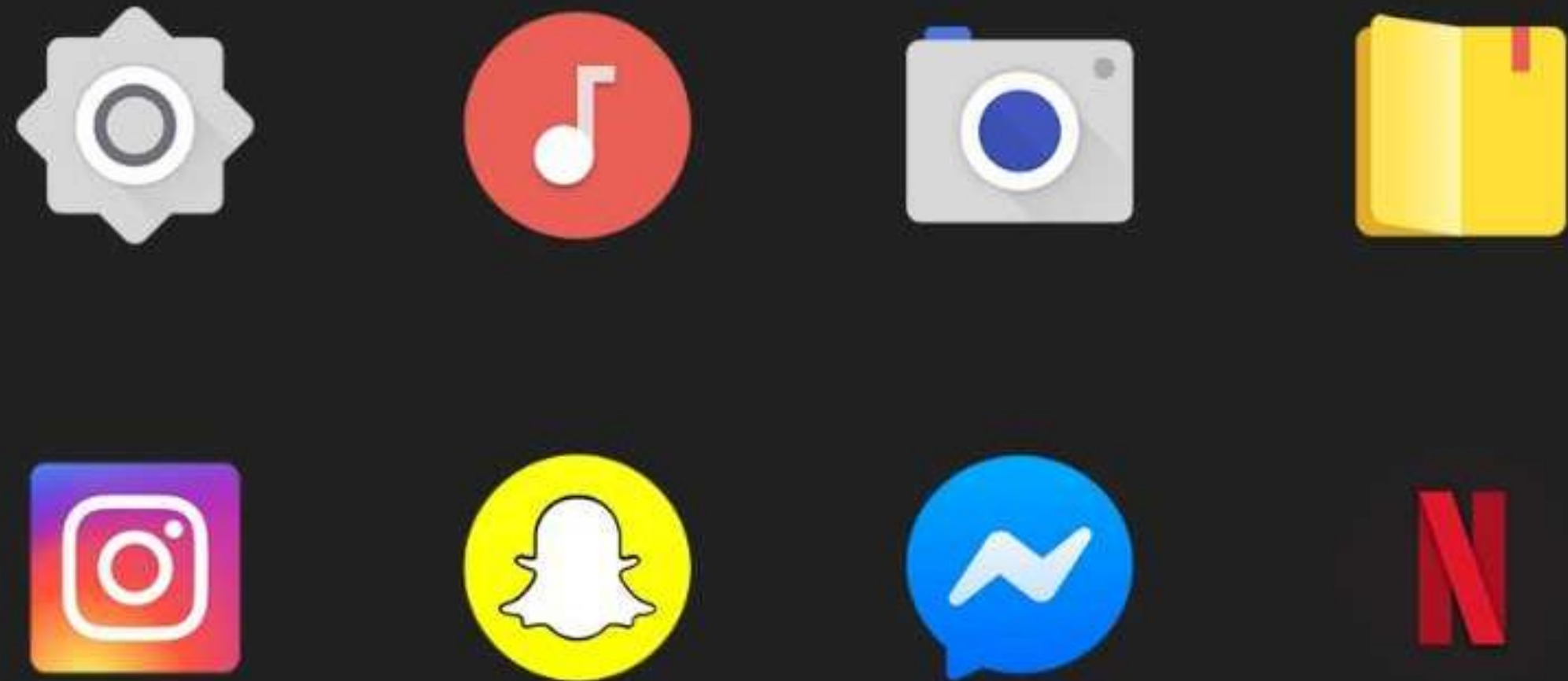
Working with renowned digital product agency Ramotion, we developed pebble style icons that feature soft rounded corners for a more refined look.





# Rectangle Style

Bold graphic icons with heavier visual weight. Rectangle style icons highlight the core features of an app so users can more quickly find the app they're looking for.



Art+ Icon

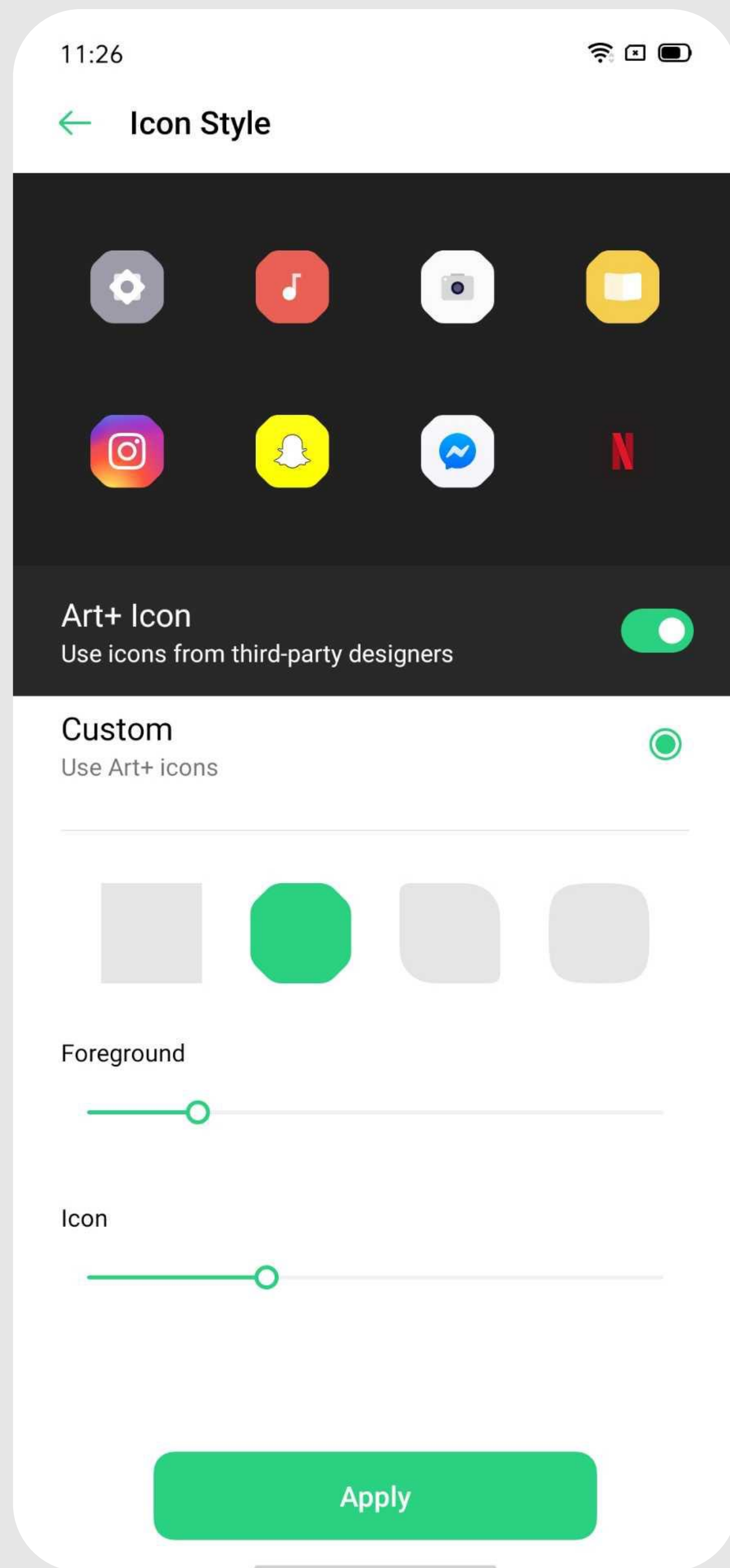
Use icons from third-party designers



# Redesigned Third-Party App Icons

Third-party app icons sometimes look out of place on your Home screen.

So, ColorOS 7 launched the Art+ icon design project in which icons for the top 200 most downloaded apps in the App Market were redesigned to conform with our style.

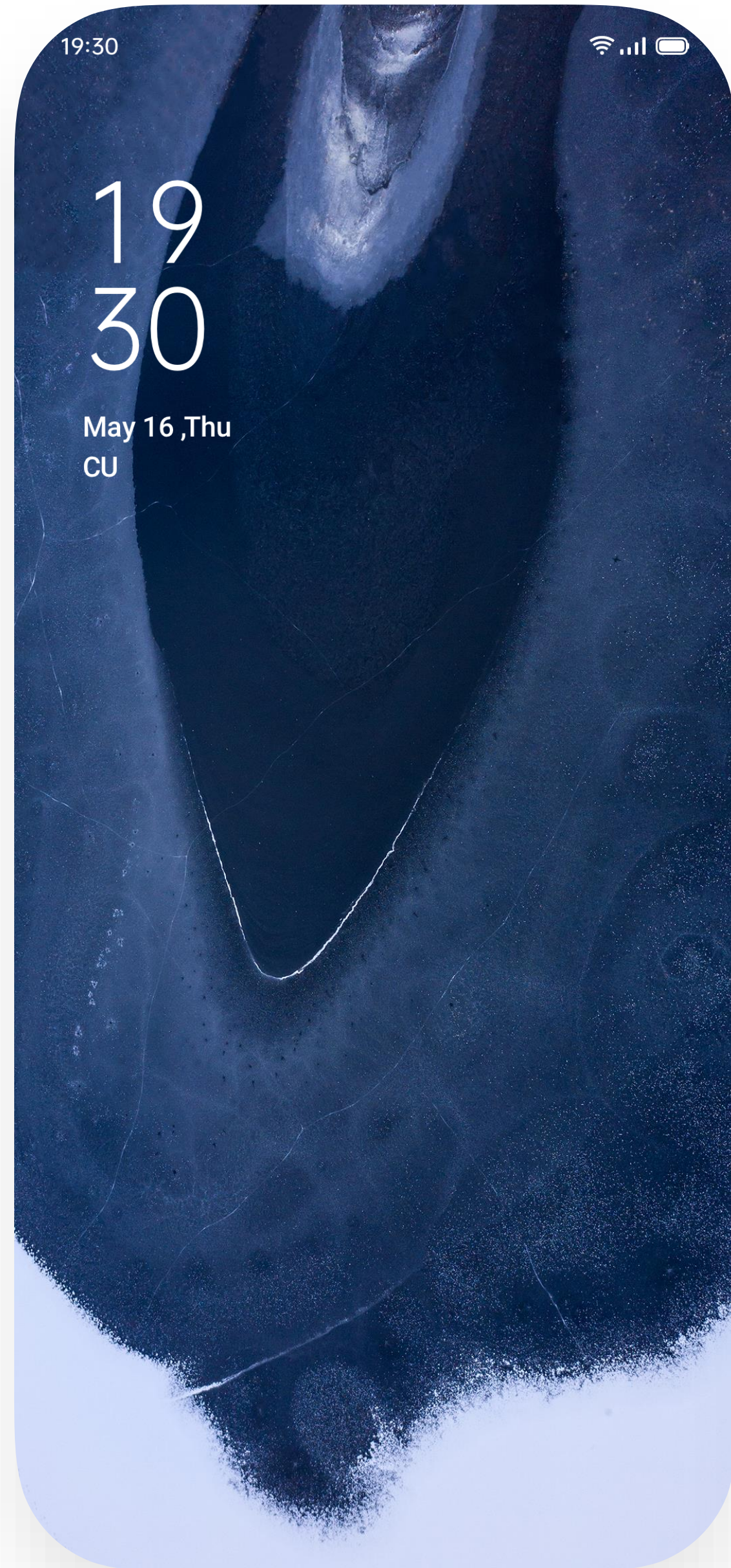


# Icon Customization

The beauty of ColorOS 7 lies in its design and its high degree of customization.

Users are able to adjust the size, shape, and arrangement of apps on the Home screen.





Art expresses a design philosophy.

Our design philosophy is now being delivered to a global audience through Artist Wallpaper Project.

We invited a number of artists contracted with global art agencies to design stunning wallpapers around the themes of Purity, Nature, Geometry, Culture, Life, and Future.

Step into an art gallery on your mobile phone with just a touch of a button.





**Tom Hegen**

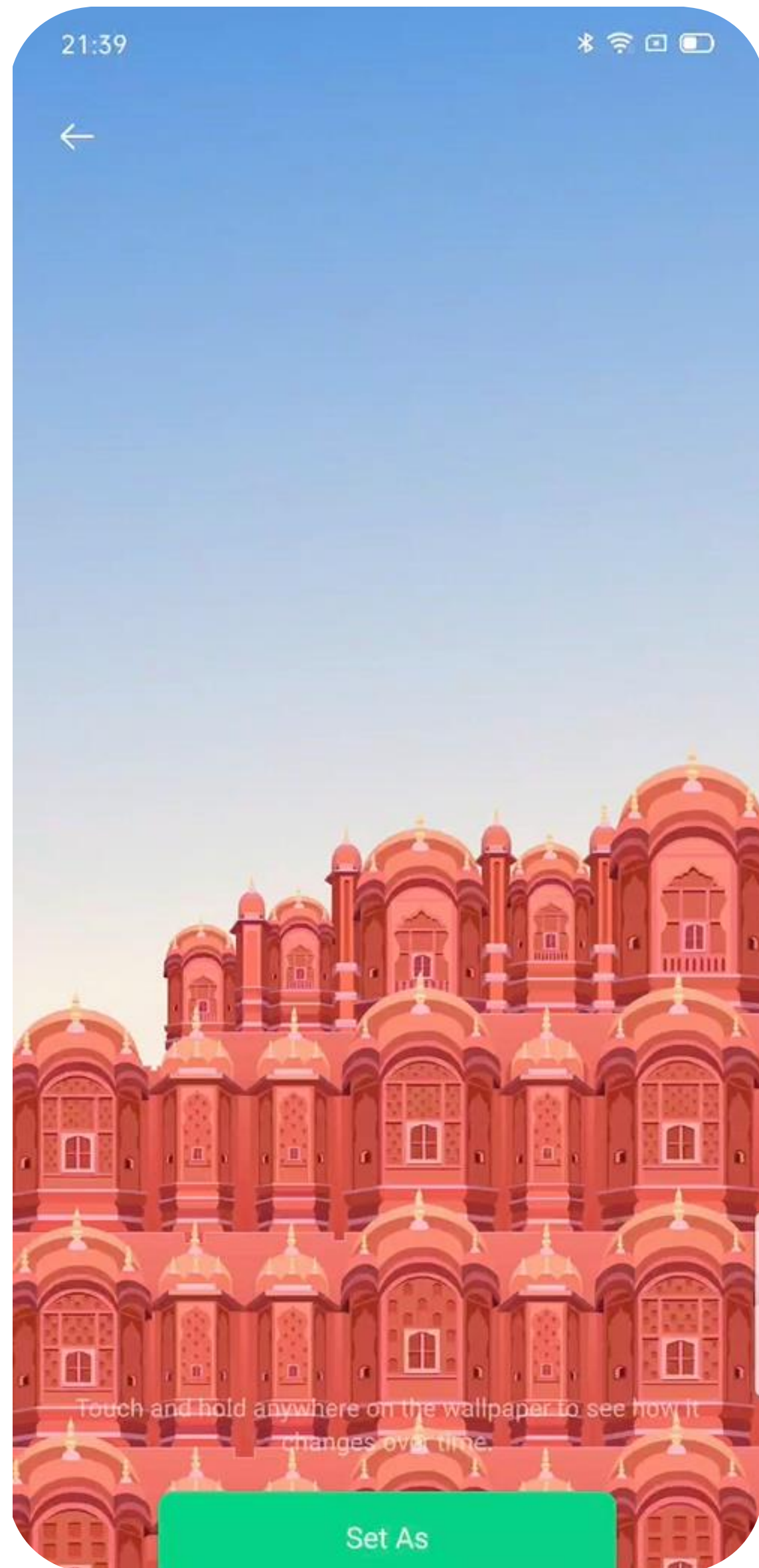
## Bio

Tom Hegen is a photographer and designer based in Munich, Germany. He specializes in aerial photography projects and takes photos of human presence on Earth. He believes that this form of art brings new insights from a unique perspective.

As a photographer, he is often intrigued by the relationship between humans and nature. He tries to raise awareness in his audiences by making them take a look at the human forces impacting our environment.

He has won multiple awards including the prestigious European Design Awards and Red Dot Design Award, and his work has been included among the Top 101 landscape photographs of the year.





# Live Wallpapers

ColorOS 6 introduced live wallpapers to help bring your Home screen to life.

ColorOS 7 takes it a step further. With the help of computer graphics algorithms, technology and art have been integrated to offer a wider variety of live wallpapers.

Live wallpapers are responsive to your interactions and change dynamically as you navigate around your phone.



# Always-On Dark Mode

Keeping in line with our infinite design concept, ColorOS 7 presents users with a system-wide, highly customized, and deeply immersive Dark Mode that can be used any time of day.

By differentiating screen elements, ColorOS 7 significantly enhances the color contrast of Dark Mode and reduces eye strain. The adaptive display brightness feature automatically adjusts screen brightness for all kinds of different lighting conditions. Users can enjoy an efficient and premium reading experience anytime, anywhere.

The system-wide, highly customized UI design supports third-party apps and highlights key information on the screen.

Compared with light mode, Always-On Dark Mode is able to improve battery life by up to 13%. \*

\* The data above is test data provided by the OPPO Software Test Center and is for reference only. The actual data may be slightly different due to differences in testing environments and software versions.





19:30

Anthony  
OPPO-Product manager

138 1234 5678  
Mobile Guangzhou,Guangdong

138 0000 0000  
Home Shenzhen,Guangdong

Zhangxiaou@oppo.com  
Work

Call Logs

05/14 13:48  
Outgoing 1s18s

05/10 15:50  
Incoming 30s

4 5 6  
7 8 9  
\* 0 #

Call

19:30

May 16, Thu  
CU

Calendar Clock Music Photos  
Calculator Weather Memos Settings

Phone Messages Camera

Q W E R T Y U I O P  
A S D F G H J K L  
分词 Z X C V B N M  
符 123 中/英

19:30

Sydney

22° Rain  
Air Quality Excellent

7/21° Tue  
Overcast drizzle moderate rain drizzle rainstorm Over

Seven-day weather forecast  
2/1 yesterday fog 12 / 24°

Abidjan Shanghai  
19:30 06:30  
Shenzhen London

19:30

Monday  
Shenzhen 19° Sunny

ANA NH860  
21 Jun (Fri)

14:45 20:00  
Hong Kong Tokyo(Narita)

GATE 45 SEAT 36F

Navigation  
Taxi  
More

19:30

Alarm Clock Stopwatch Timer

7:20 Alarm  
Sun Tue Thu

8:00 Alarm  
Sun Tue Thu

9:30 Alarm  
Sun Tue Thu

19:30

Messages

Notifications  
Cameron  
Food group  
Anthony  
Ethan  
Emma  
Mai

Cleanup

19:30

May 16, Thu  
CU

Music  
One  
Charlie Puth

Wechat - Now  
You received a message from a wechat.

QQ - 1 min ago  
Photographic Association  
Molly: Shall we go again this afternoon?

19:30

19:30

Sunny 19° Shenzhen

Wed, Apr 24  
Data Usage, Today:138 MB, This Month:3.77GB

OPPO-AC Mobile data Location Bluetooth  
Flash Do Not Disturb Rotation off Airplane Mode  
Alipay Scan Boost Night Shield Lock Screen

19:30

Messages

Notifications  
Cameron  
Food group  
Anthony  
Ethan  
Emma  
Mai

19:30

Notes

Beautiful Sunset  
New York is the first big city in America. It is the world's trading center and there are many...

Our mother is the ne who gives birth to us, she is patient and kind. When we do something ...

The definition of success is usually believed to make a lot of money.

The small town of Verrieres may be regarded as one of the most attractive in the Franche-Comte.

19:30

Zhangxiaou  
138 0000 0000

Dear, I want to change a new phone, I don't recommend it! I heard that Reno is listed, how much is the price?

19:30

Phone Contacts

Anna  
Bonnie  
Cameron  
138 0000 0000  
Shenzhen,Guangdong

19:30

Recent Categories

Storage  
72 GB Used / 200 GB Total  
Clean Storage

Photos 38 Video 122 Documents 31 Audio 38

19:30

The Red and the Black

The small town of Verrieres may be regarded as one of the most attractive in the Franche-Comte. Its white houses with their high pitchedroofs of red tiles are spread over the slope of a hill, the slightest contoursof which are indicated by clumps

19:30

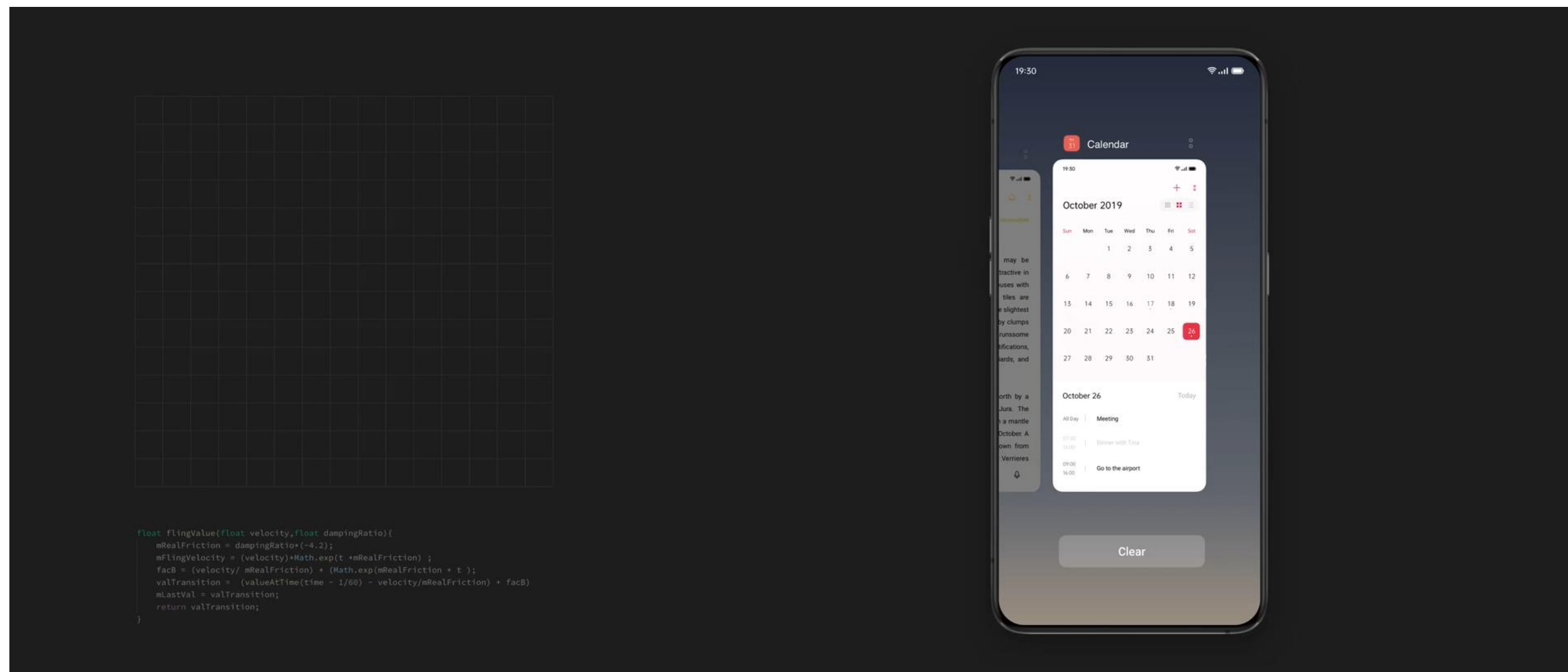
Unclassified

05/20 11:00

19:30

Reno ?

Reno 10x Zoom Edition uses 48 million HD maincam + 13 million periscope telephoto lens + 8 million super wide-angle lens combination, three cameras "connected" to achieve 16-160mm "full focal length" coverage, releasing more image creation The degree of freedom. The three-shot combination contains dual OIS optical image stabilization, smart sensing jitter and correction, and the distance is clear.



# Animations

The physics-based animations in ColorOS 7 are smoother and more responsive.

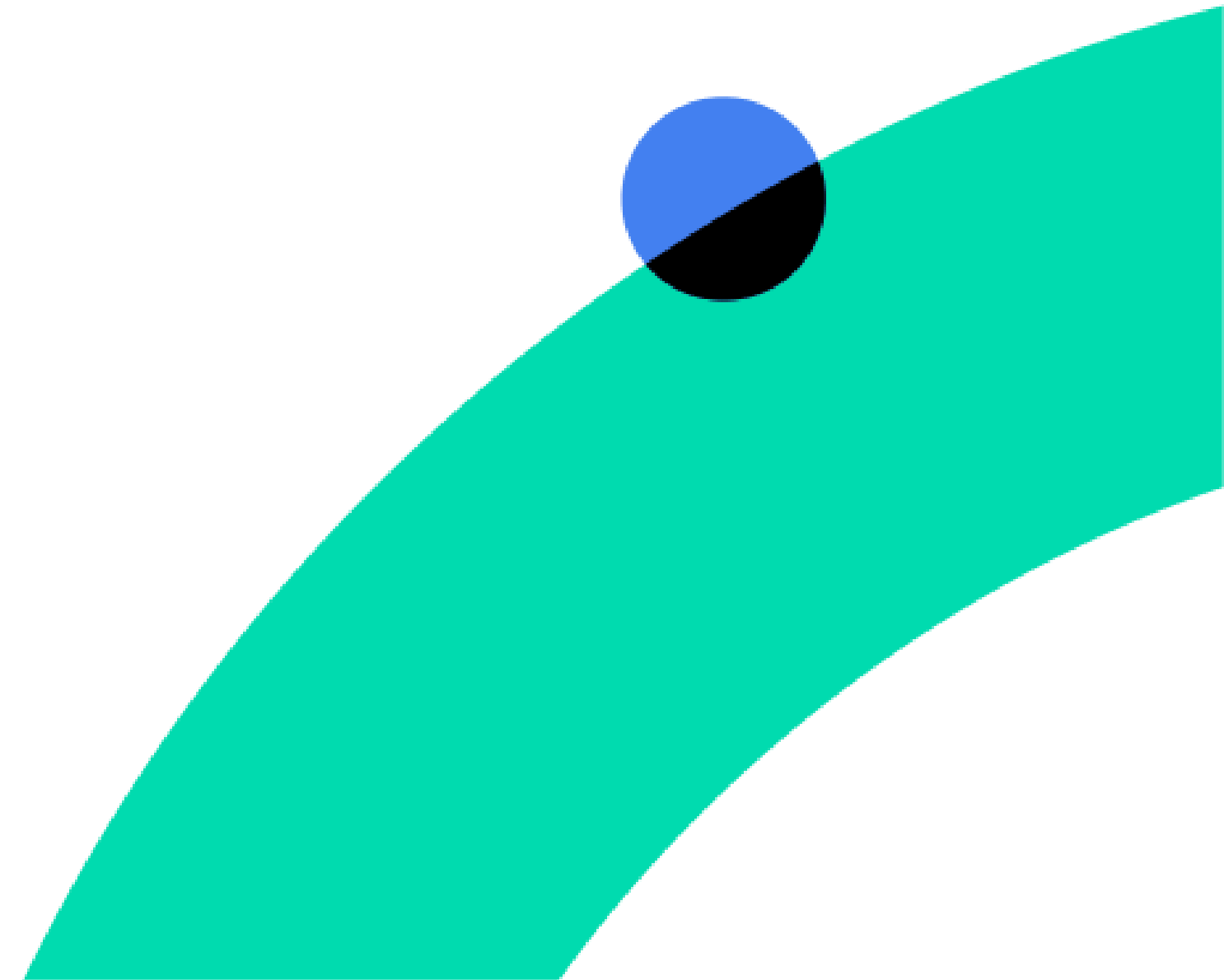
They are able to manifest a high degree of realism by corresponding to your gestures in real time.

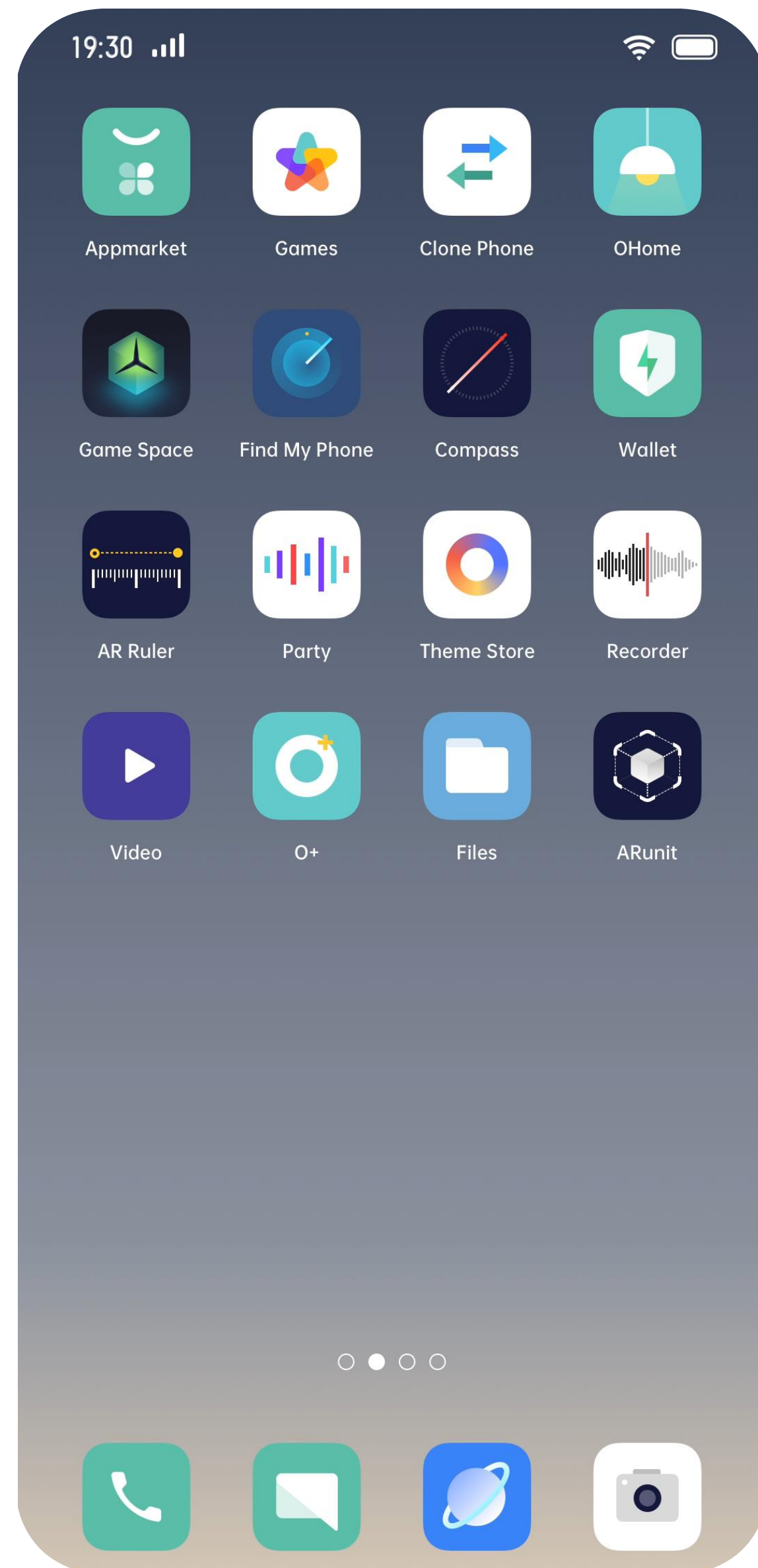


# Detailed Animations

In addition to incorporating a global mindset into our UI design, we've also added detailed animations in ColorOS 7 that reflect OPPO's pursuit of perfection.

We hope our inventive animations will charm and surprise you.





# Uninstallation Animation

We've refined the animations for certain operations.

For example, when you uninstall an app, you can have fun watching its icon literally disintegrate and scatter like dust in the wind.



# Weather Animation

Static user interfaces are dull.

In ColorOS 7, the weather screen is brought to life with stunning animations that match the weather outside.

In addition, you can tap or slide on the screen to see more cool animations and effects.





# Refined Sounds

Keeping in line with our borderless design concept, we redesigned system sounds to make them simple but refined.

The new sounds are more mellow and are designed to evoke pleasant feelings.

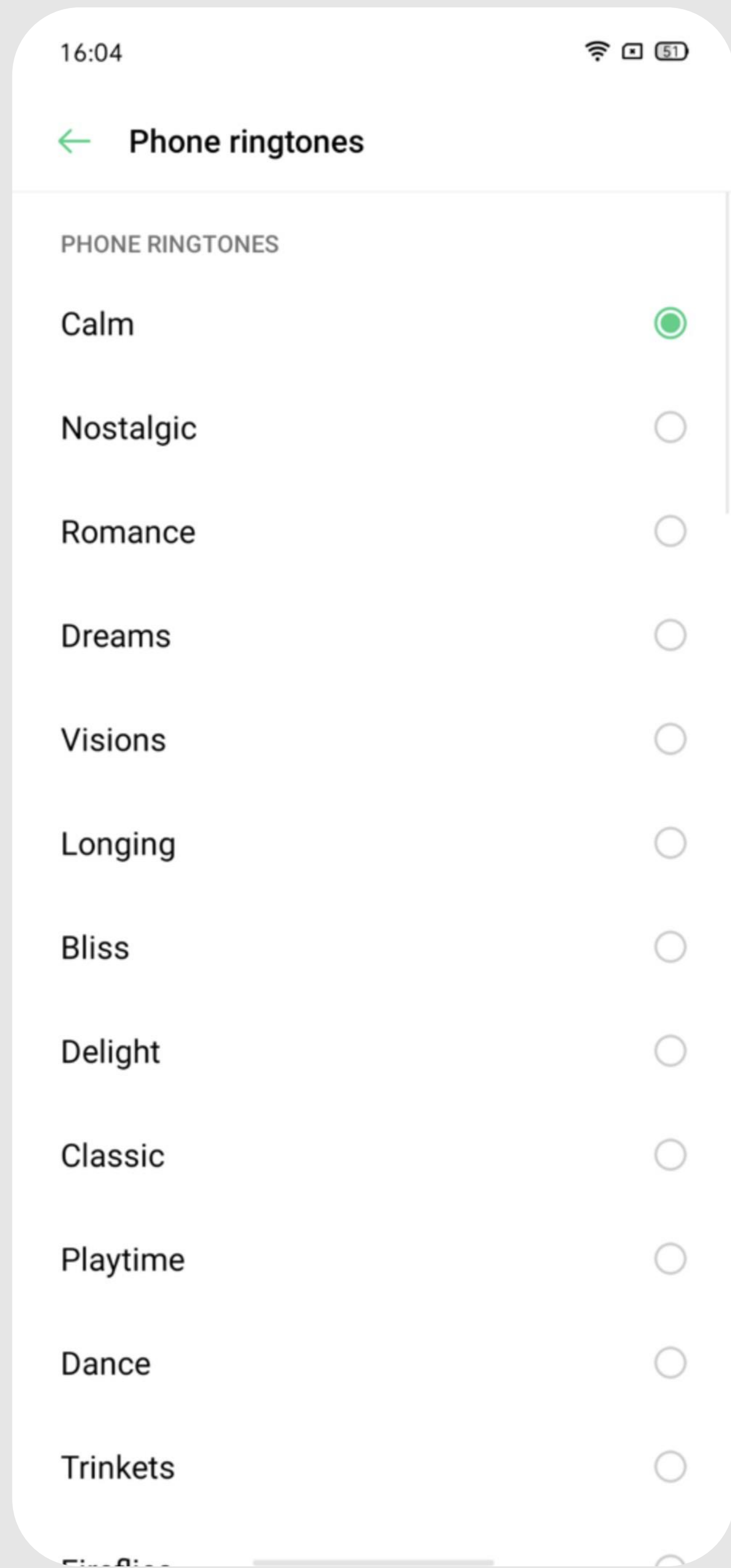




# Ringtones

We cooperated with a noted Danish sound effects company to simplify our ringtones.

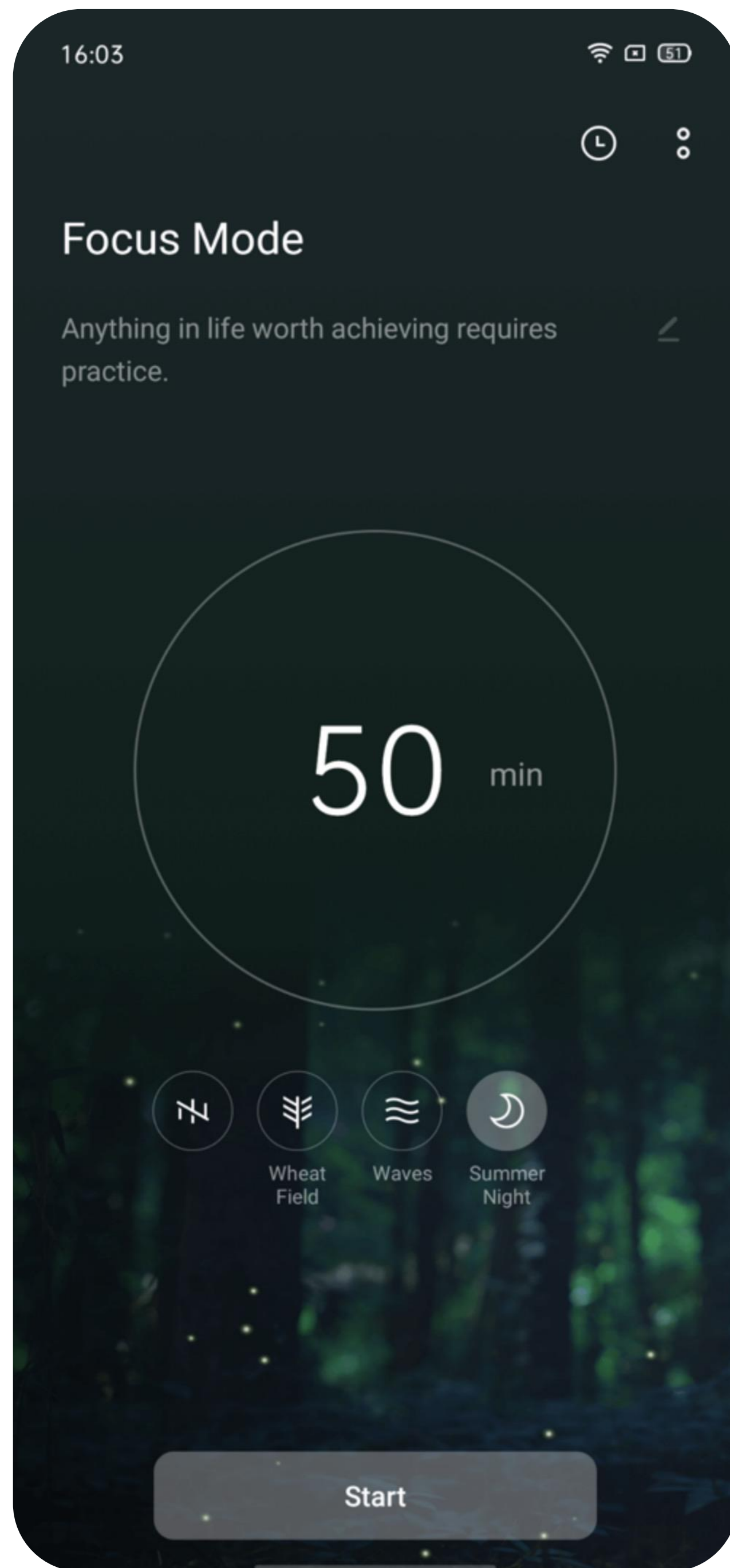
Our new ringtones are more streamlined and layered, with mellower tones and more distinct sound effects to evoke feelings of comfort.



# Notification Sounds

We admit it: Our old notification sounds tended to drag.

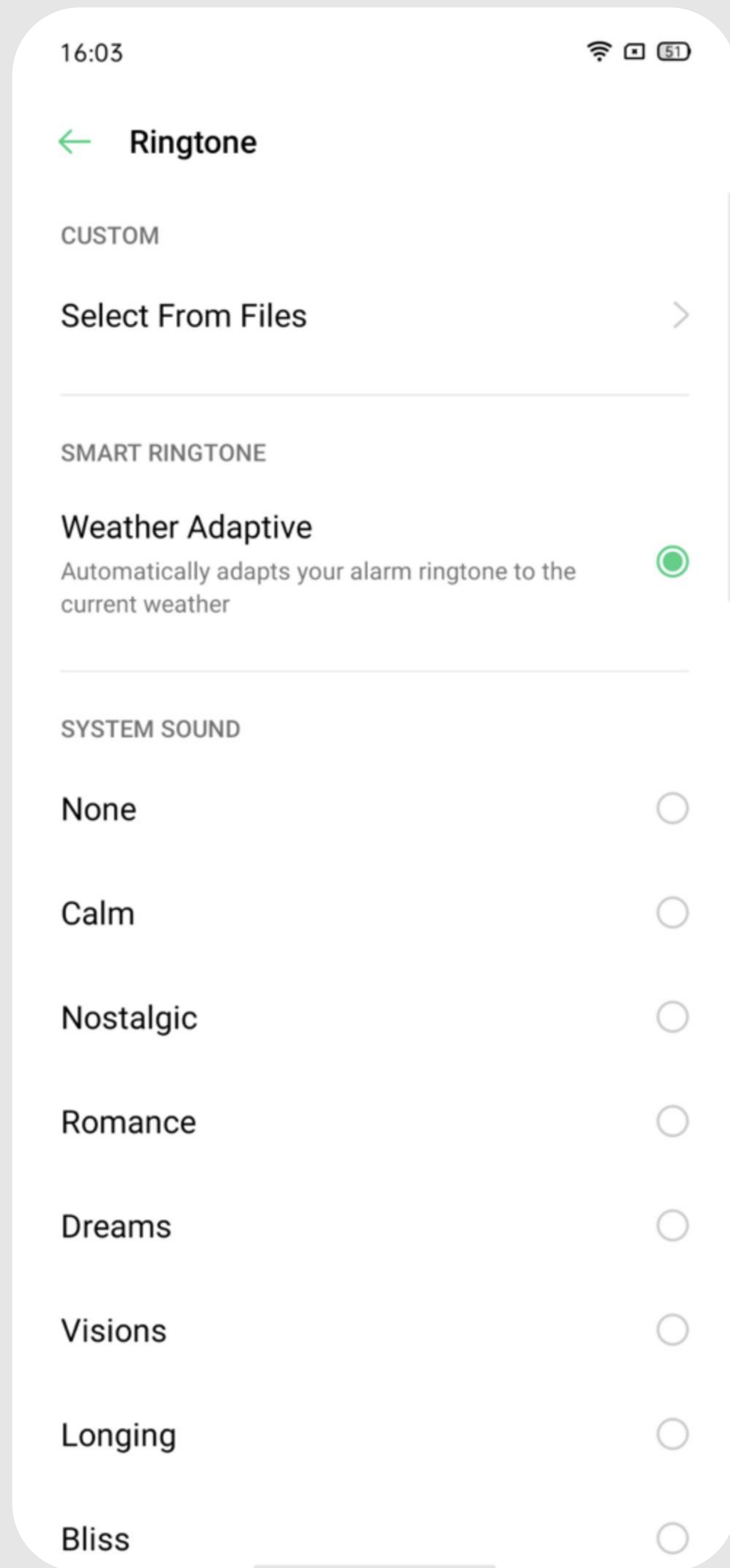
So, we simplified the notification sounds in ColorOS 7, reducing their average length by 4 to 6 times. Our new sounds were composed to be pleasing to the ear, ending decisively without being too abrupt.



# Soothing Ambient Noise

We added ambient noise and light music in Focus Mode to help users relax and focus on the present.





# Weather-Adaptive Alarm

The weather-adaptive alarm is new in ColorOS 7. Your alarm sound can now be adapted to the current weather. Start your day off right by learning about the weather conditions with a backdrop of melodious music.

\* Path: "alarm-more-ringtone-weather adaptive"



# Improved Haptics

In ColorOS 7, we wanted to make screen touches feel more real.

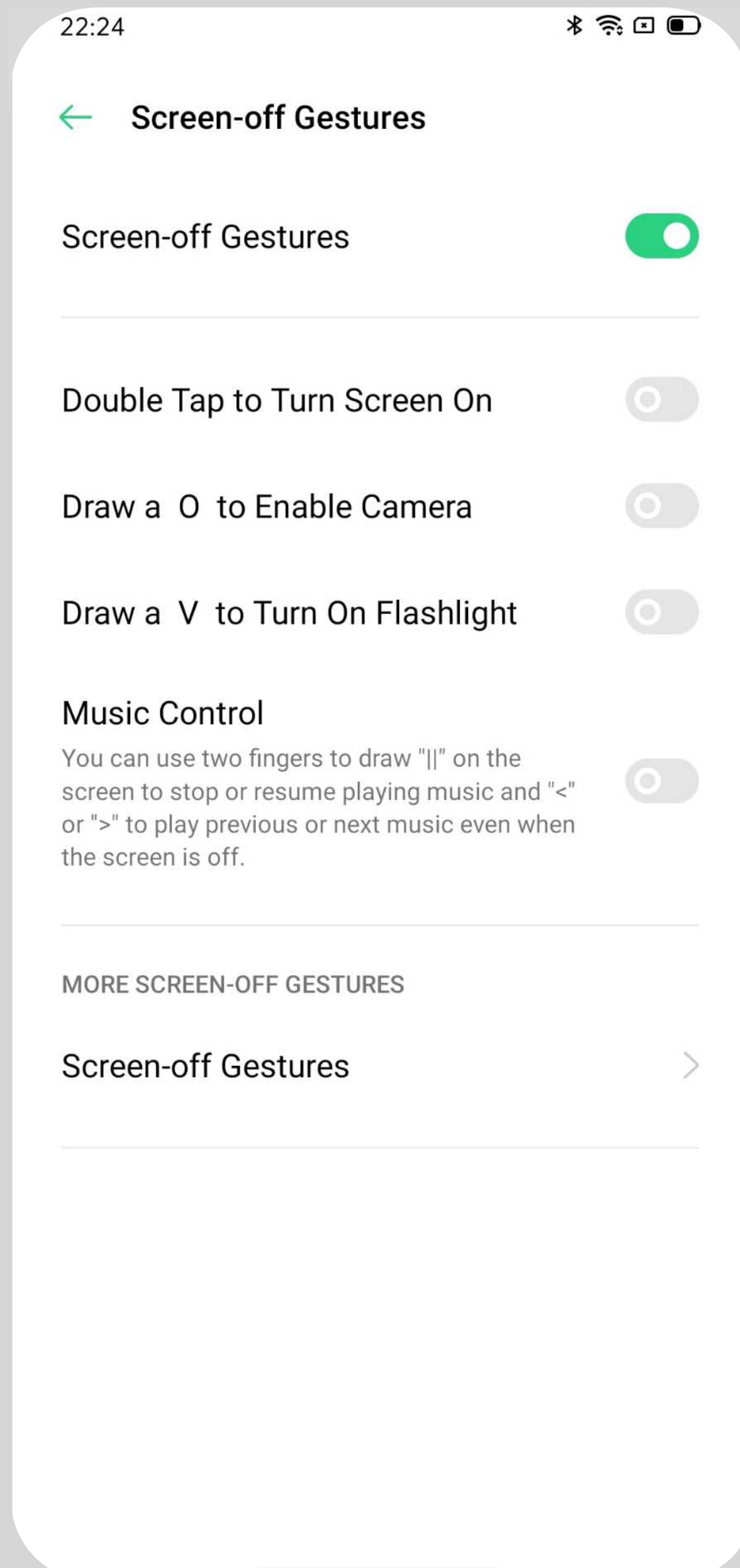
We've added sound effects for screen touches in 8 different features, including the keyboard, Calculator, Compass, on-off switches, and screen-off gestures.

Each screen touch is accompanied by a crisp and vibrant sound to simulate the experience of touching a physical object.



# Functions

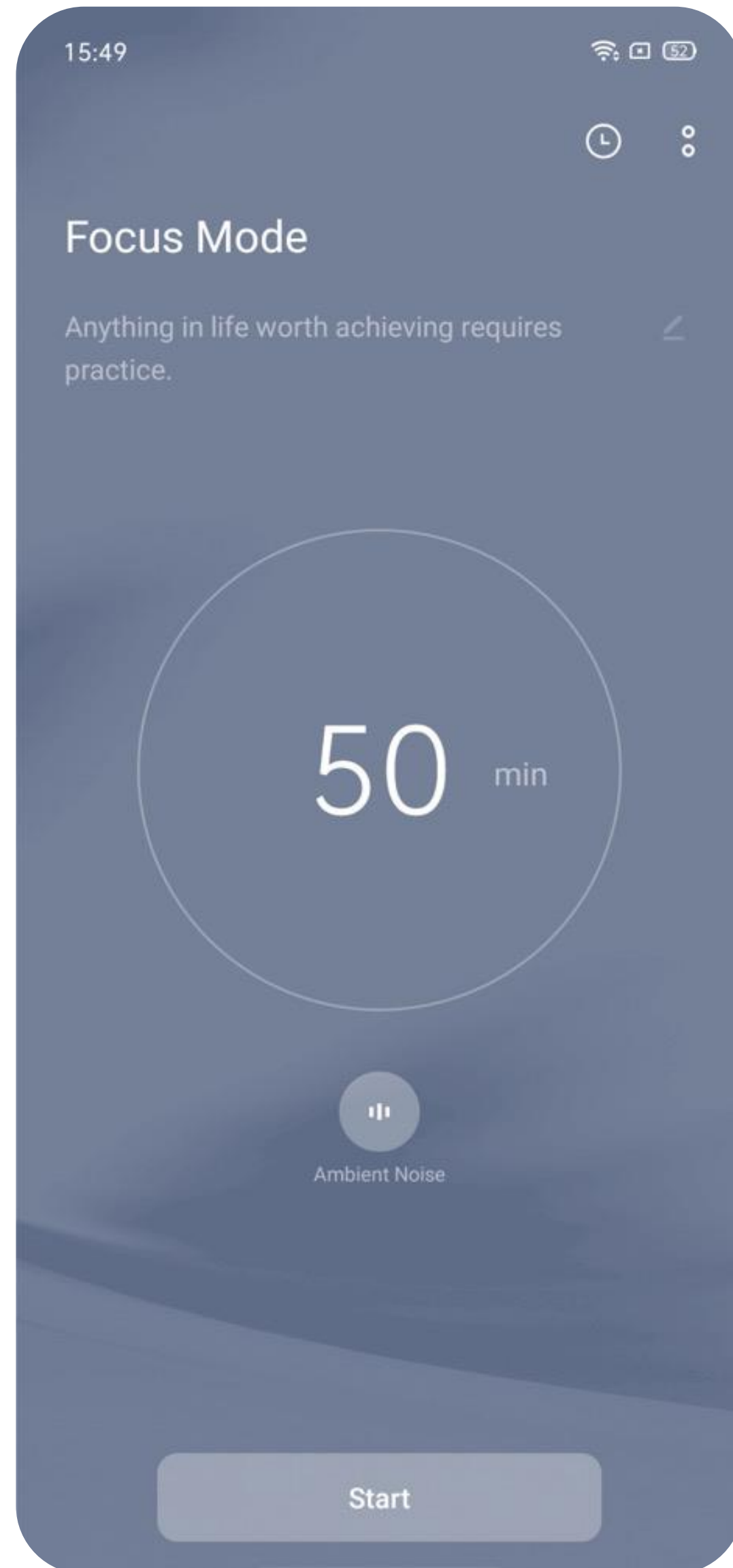
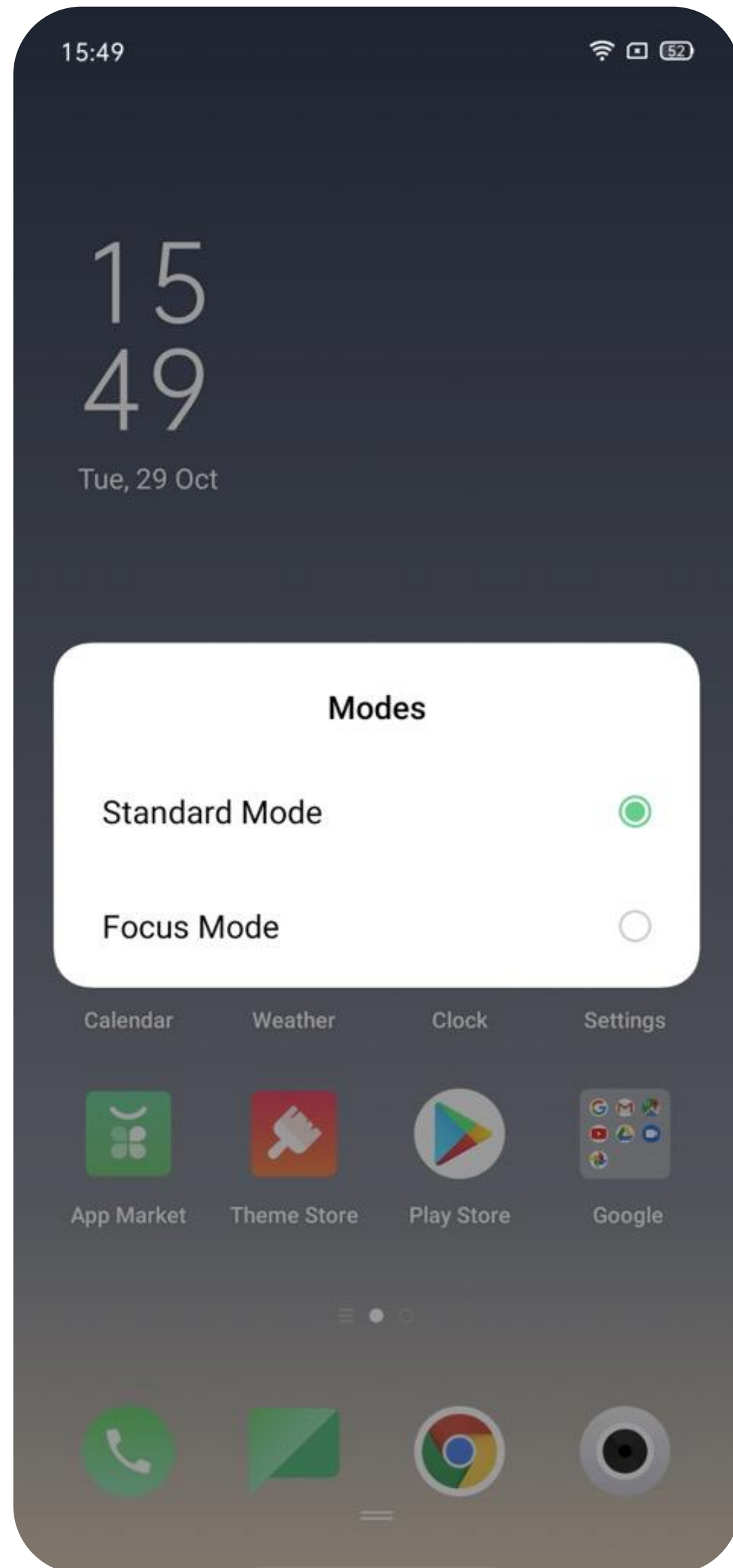




# Full Screen Gestures

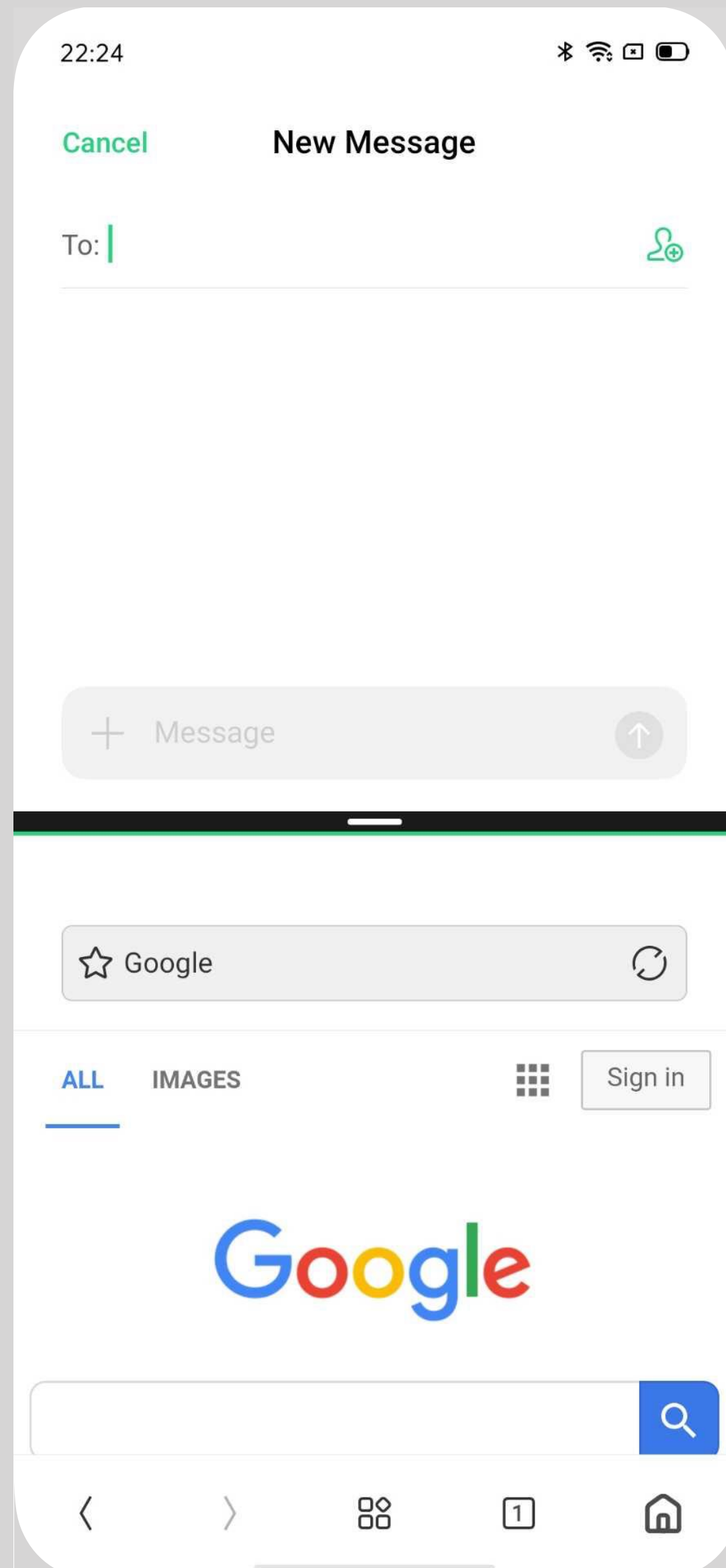
ColorOS 7 incorporates Android Q's full screen gestures, which make full use of the edges of your device and greatly improve navigation efficiency.

For a quick summary of full screen gestures: Swipe in from either the left or right edge to go back, swipe up from the bottom to go to the Home screen, swipe up from the bottom and pause to view recents, or continue swiping straight to the top to open the app drawer.



# Focus Mode

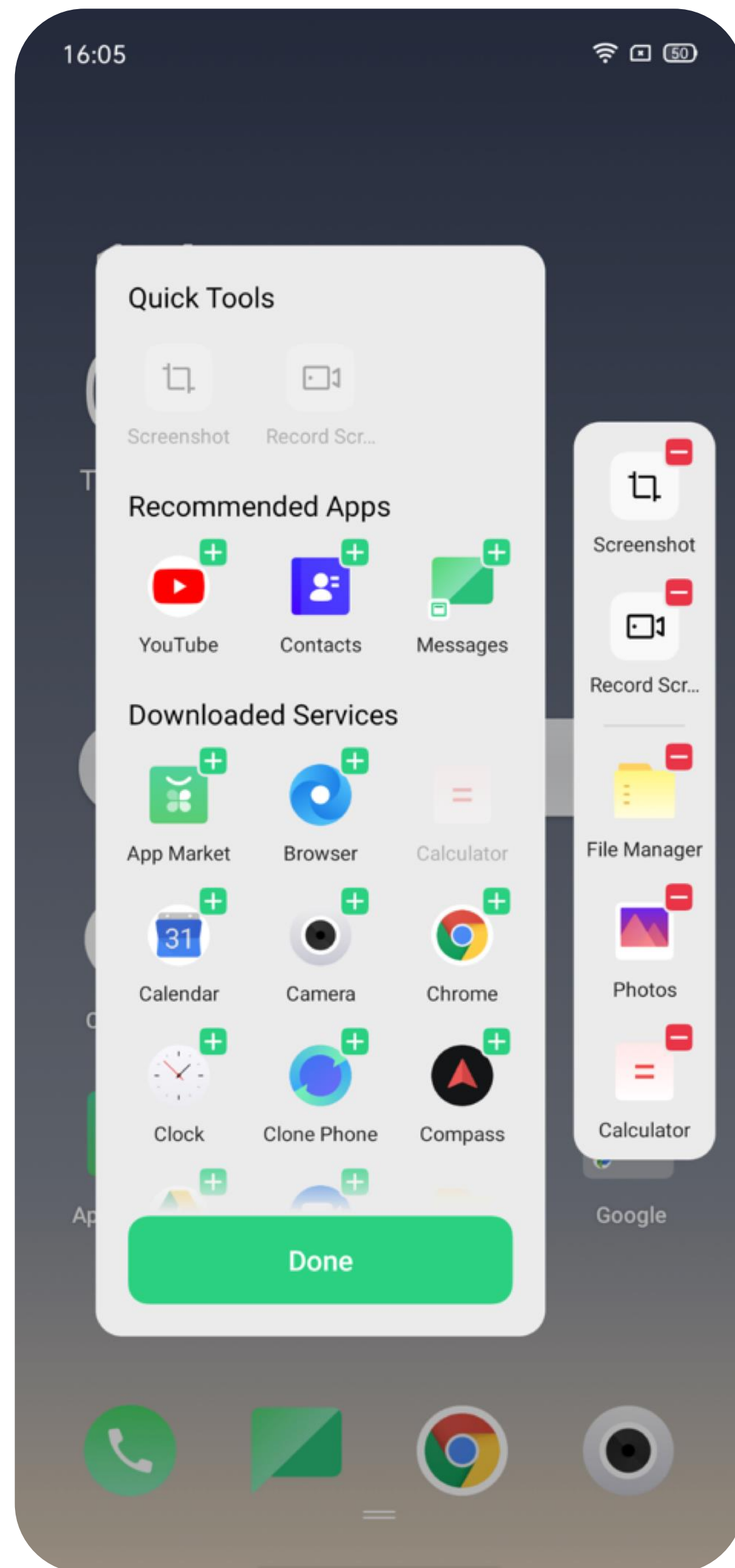
Immerse yourself in your work or studies with Focus Mode. In Focus Mode, your phone plays soothing ambient noise and blocks calls and notifications to help you stay focused on the tasks at hand.



# Split Screen

Split Screen enables you to use multiple apps on the same screen. For example, you can watch a video while chatting with your friends.





# Smart Sidebar

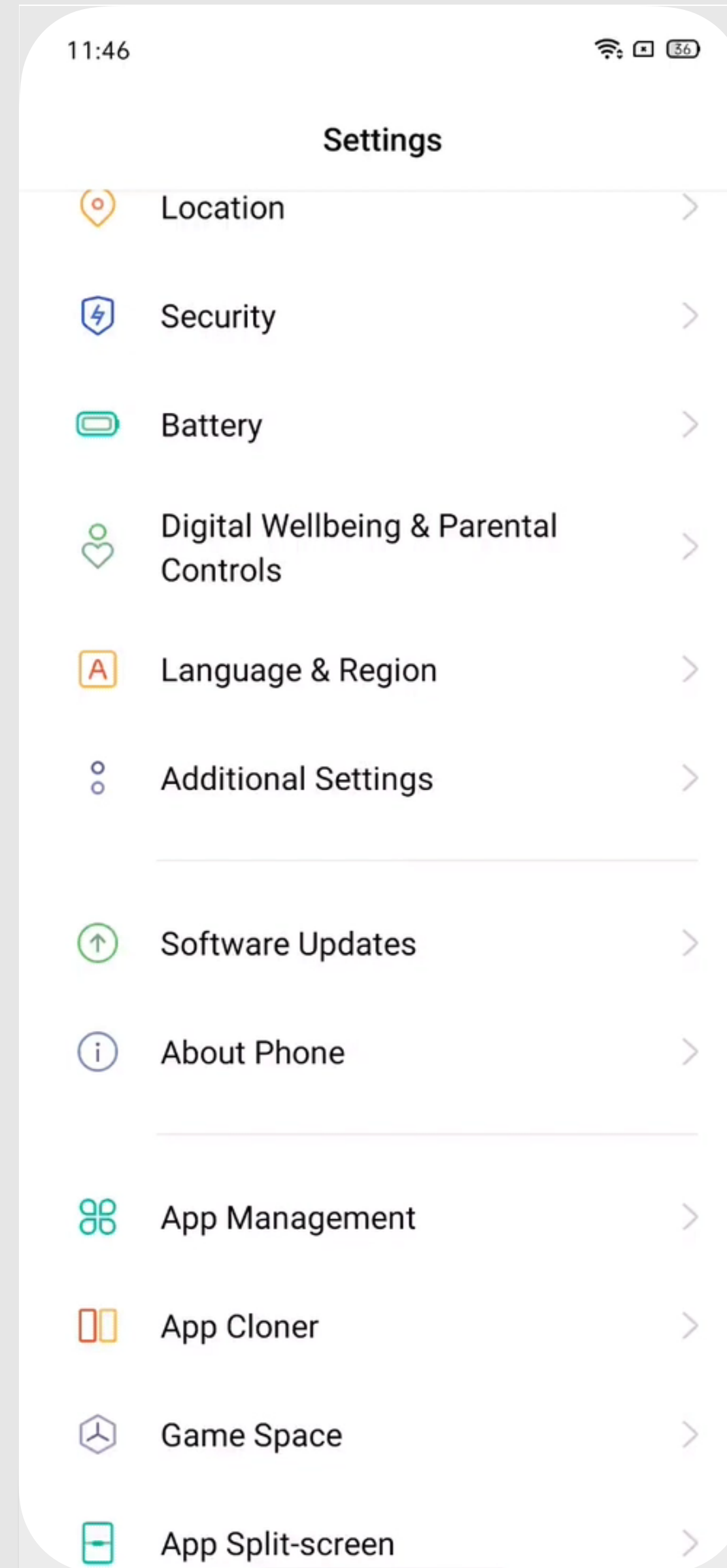
The sidebar is smarter and easier to use in ColorOS 7.

Swipe in from the side to call up Smart Sidebar, where you can quickly switch between apps. You can also open specific apps such as Messages in a floating window without leaving the current screen.

The Smart Sidebar panel now contains only one column of apps to better prevent accidental touches.

In addition, we've added a function to adjust the opacity of the sidebar to reduce screen obstruction.





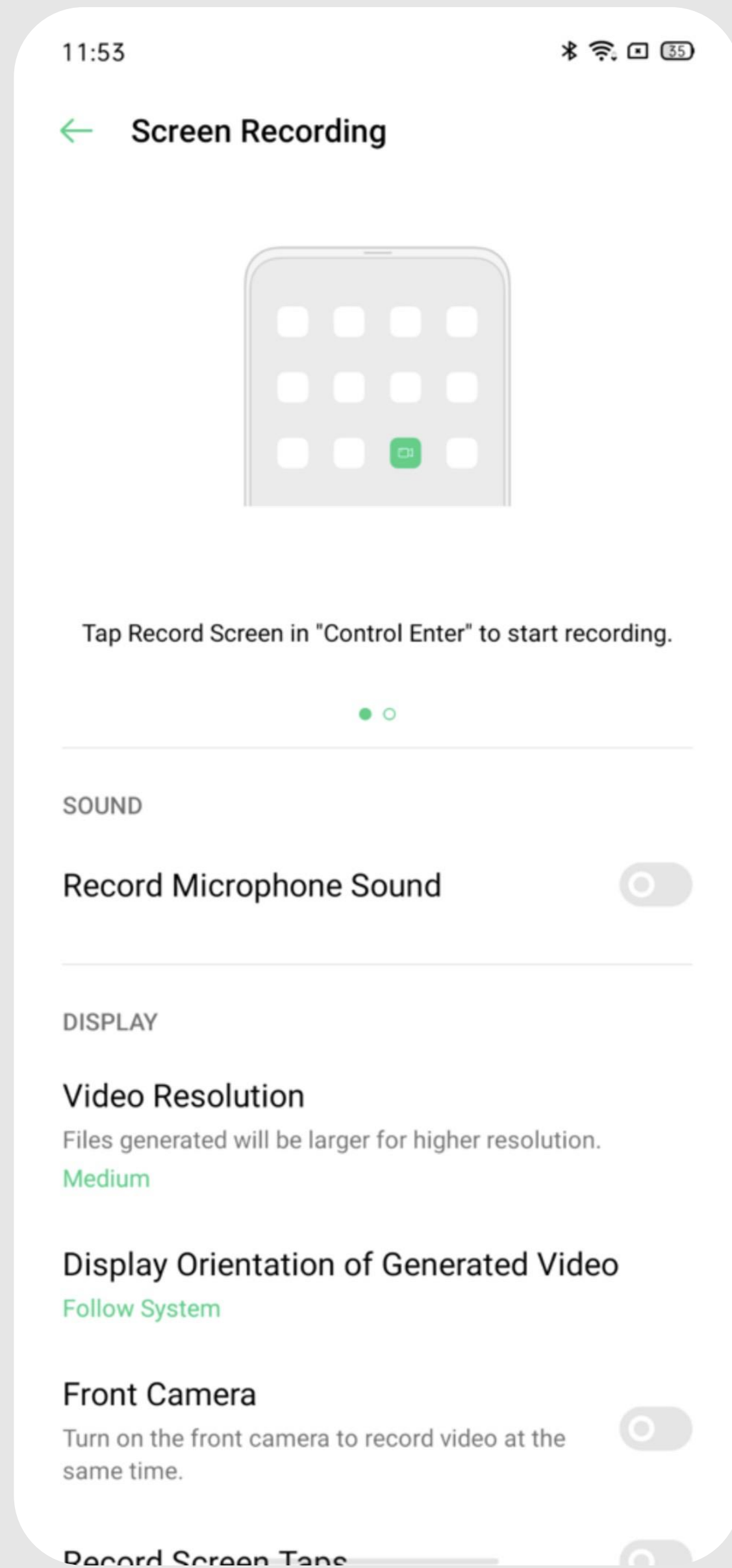
# Screenshot

ColorOS pioneered the 3-finger screenshot, and it's back and better in ColorOS 7.

You can now touch and hold with three fingers and then slide up or down to take a partial screenshot.

After taking a screenshot, you can drag the floating window preview down and release to share the screenshot, or drag it up and release to take a long screenshot.





# Screen Recording

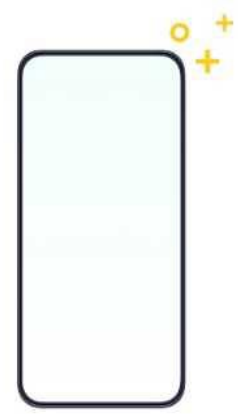
ColorOS supports screen recording. A new pause button lets you pause and continue a recording at any time, saving you the trouble of editing later on.

22:21



## Select Current Phone Type

Clone Phone can quickly transfer all data stored on your old phone (including photos, contacts and apps) to your new phone. Please ensure both devices are sufficiently charged.



New Phone

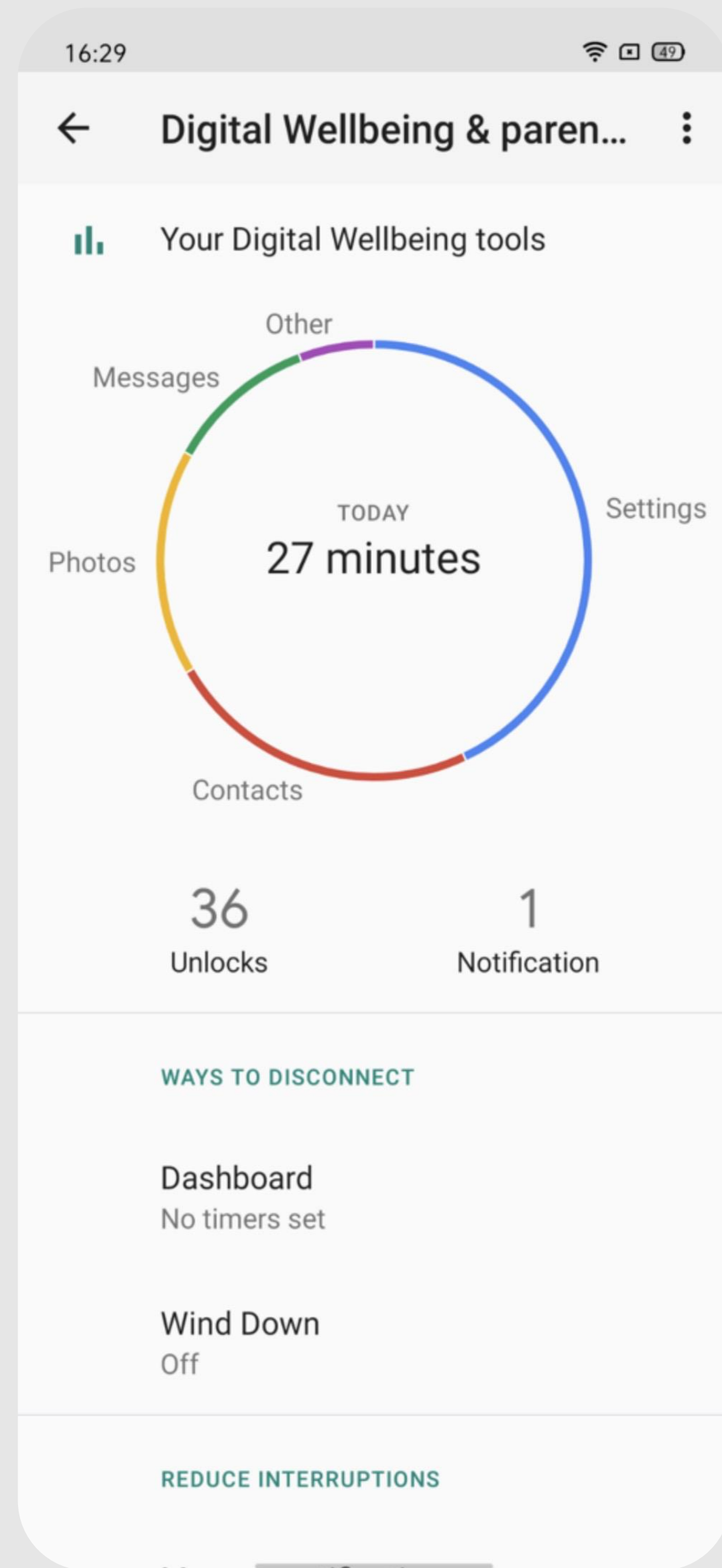


Old Phone

# Clone Phone

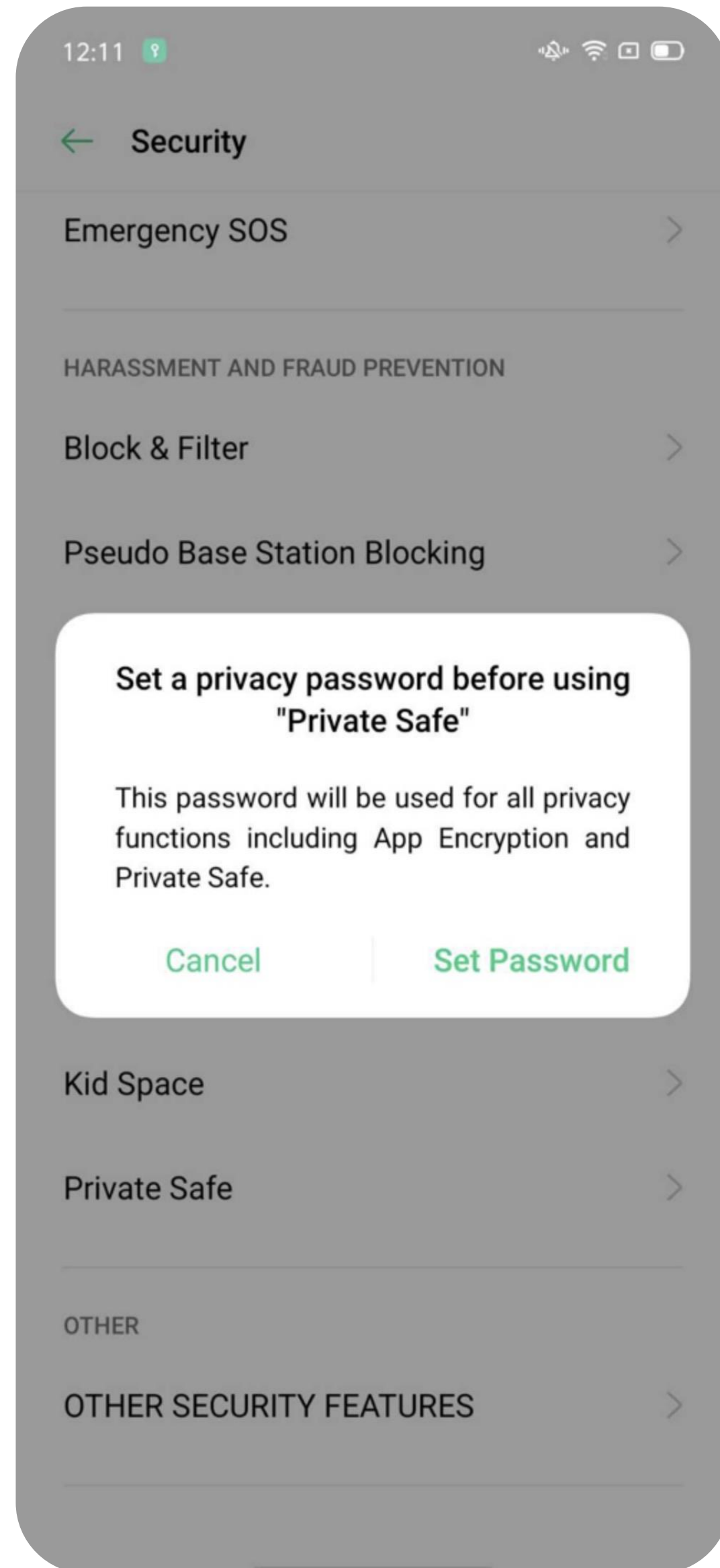
Migrate data from your old phone to your new phone without using a data cable or cellular data. By simply scanning a QR code on the new phone to establish a connection, you can speed up data transfer by 2 to 3 times compared with traditional methods.





# Digital Wellbeing

Digital Wellbeing is a digital habits management app provided by ColorOS. It aims to foster healthier smartphone use by providing an overview of your digital habits, showing you your overall screen time, how many notifications you receive, how frequently you check your phone, and more.

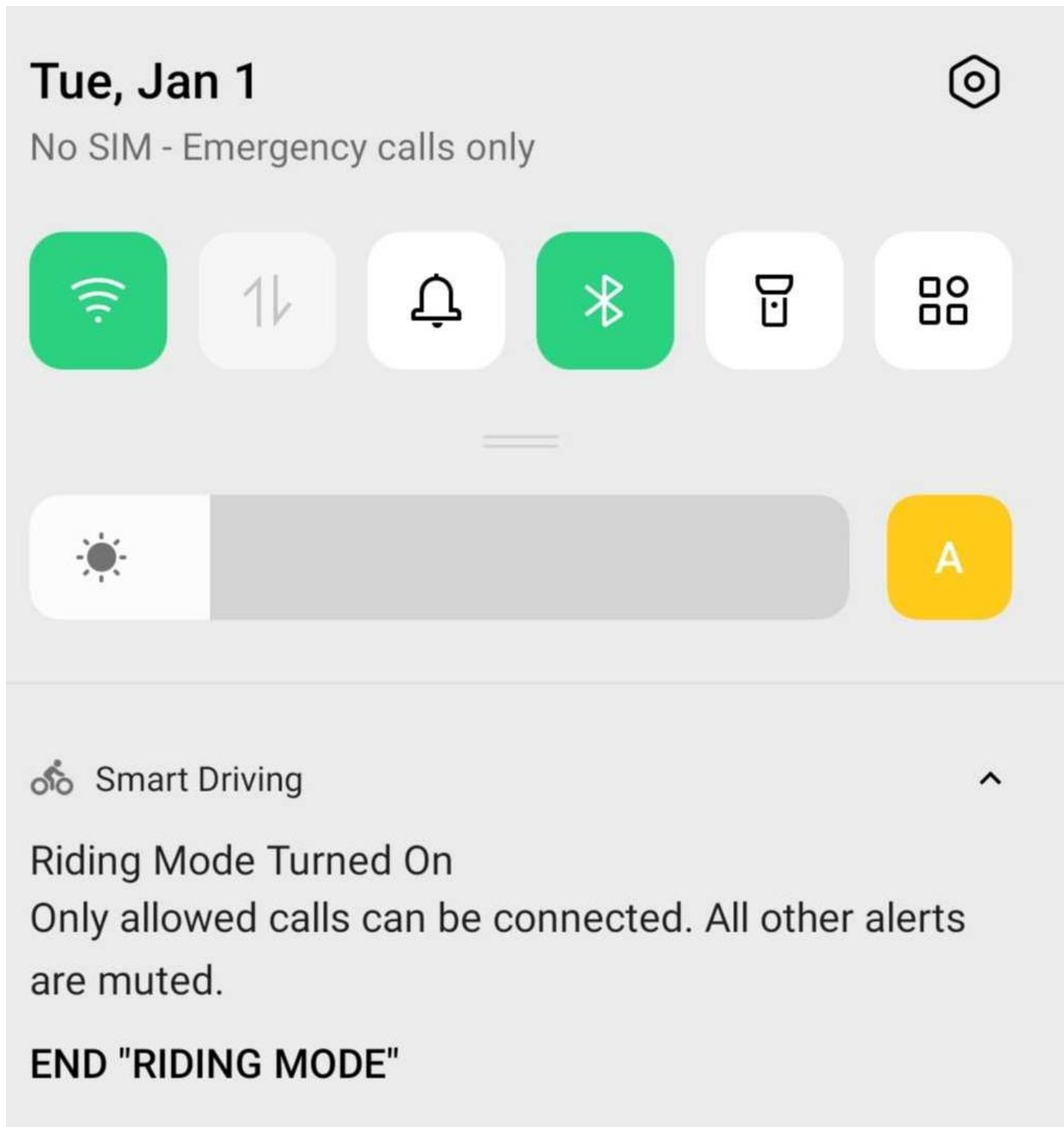


# Private Safe

ColorOS provides a secret "safe" for you to store your private photos, videos, and other files. You will need to use a lock screen password, fingerprint unlock, or face unlock each time you want to access Private Safe.

For further security, screenshots cannot be taken while you are in Private Safe.





# Riding Mode

We've added Riding Mode for our overseas users.

Riding Mode keeps you focused on cycling by allowing calls only from specified contacts and turning off all other distractions.

\* Supported regions: India, Pakistan, Sri Lanka, Bangladesh, Nepal, Myanmar, Indonesia, Thailand, Vietnam, Cambodia, Malaysia, Philippines, and China Taiwan

# DocVault

ColorOS has partnered with Indian digital document issuing platform DigiLocker to allow users to access digital versions of official documents and certificates straight from their phones.

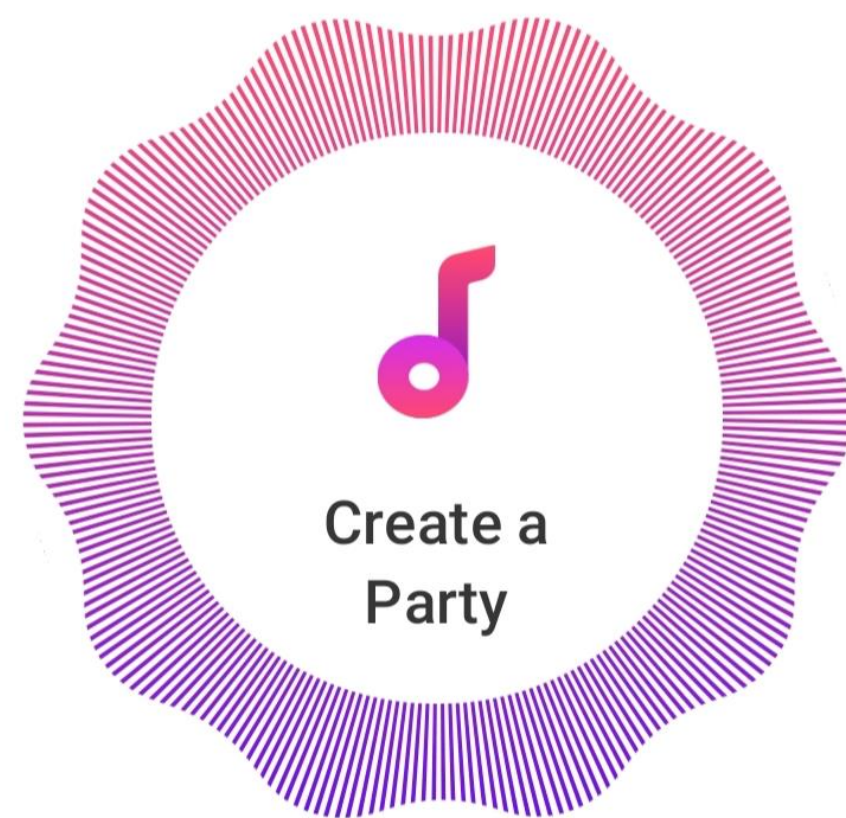
With quick and easy access to digital documents, users can speed up the ID verification process in places like airports or hotels.

\* Supported regions: India



## Join the Party!

Music Party syncs several phones to play the same song



Join a Party

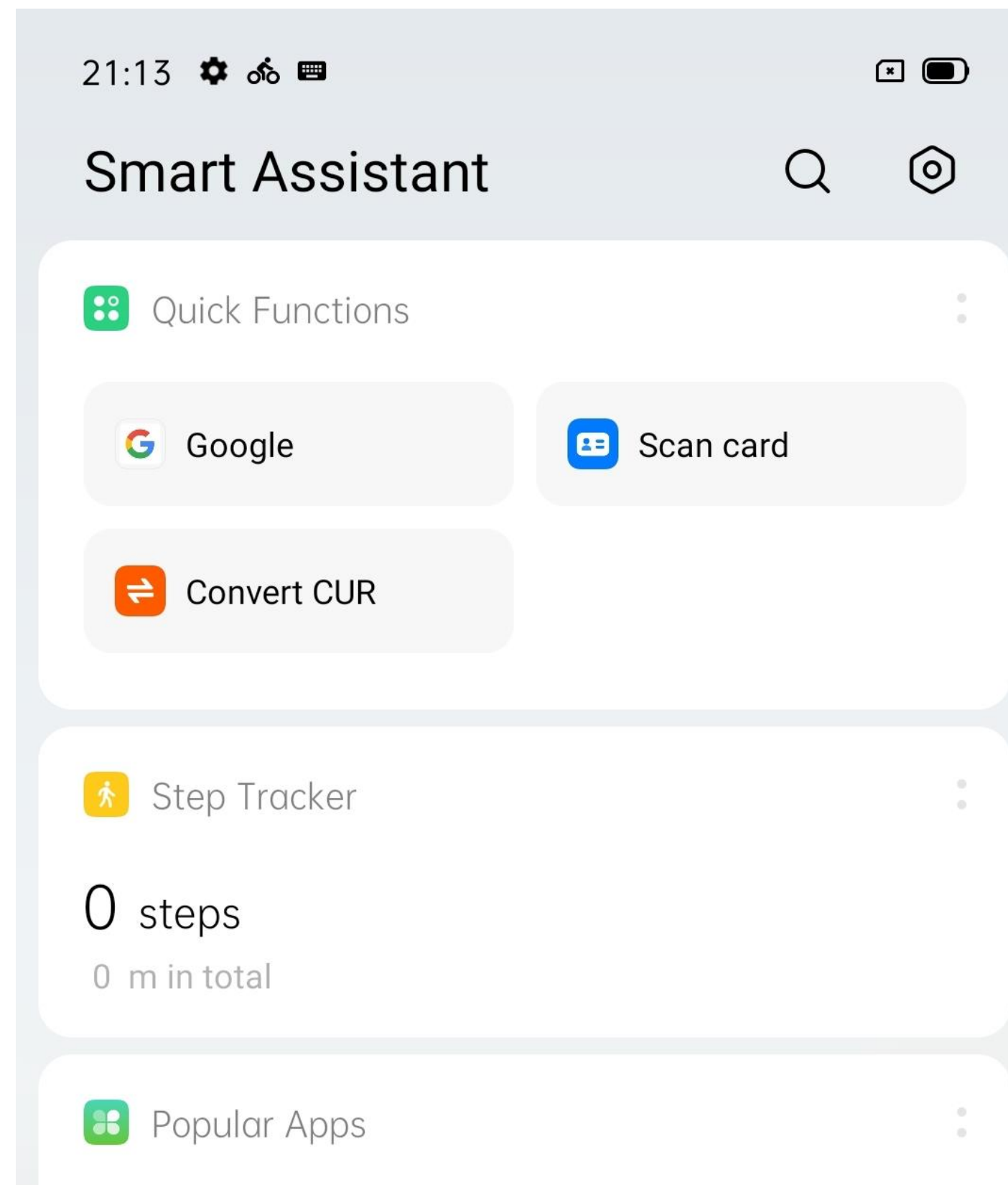
# Music Party

One phone playing music is not a party.

Wanna throw a real party? Music Party allows you to have multiple devices blasting the same song simultaneously so you can raise the roof!

\* Supported regions: All regions (excluding Western Europe)





# Smart Assistant

Smart Assistant is a handy information platform developed by ColorOS that lets you view your step count, manage events, track packages, download popular apps, and more all in one place. Access it quickly by swiping to the leftmost screen.

With Indian sports fans in mind, we added a card in Smart Assistant just for sports. Catch up on the latest football and cricket news and check match scores anytime you like.

\* Supported regions: India

Camera





# Portrait Beautification

More and more mobile phone users want to look better in their portraits.

ColorOS 7 offers stylish portrait filters based on AI technology to help you take portraits like a pro.





# AI Beautification 2.0

AI Beautification 2.0 analyzes lighting conditions and offers you true-to-life makeup looks for your portraits that you can try out in seconds.

This feature is also able to automatically retouch photos based on your skin color and preferences, helping you look your best at all times.



# Ultra Dark Mode

Multi-frame HDR Integration, AI Smart Segmentation, Time-Space Domain Multiple Noise Reduction, Ultra Steady, Color Preservation and other advanced algorithms have been applied to optimize the clarity, brightness, and color of photos taken at night.

The Optimized Post-Processing algorithm also reduces image processing time. Photos can be generated in as quickly as 2.5 seconds. \*

**2.5 s**

\* The function requires higher-performance phone processors and is currently unavailable on some models.



# Ultra Night Mode

Nightscape mode has been upgraded to Ultra Night Mode.

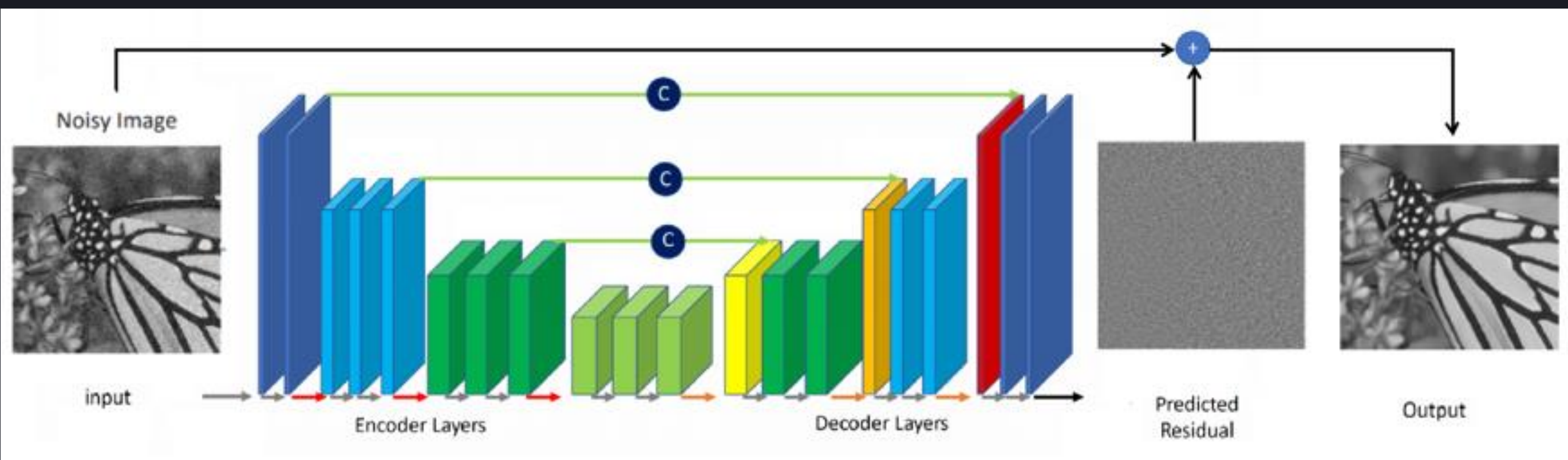
We developed our own algorithm to enhance low-light images.

In dim ambient light (lower than 1 lux), a high SNR can be maintained with lower ISO and shorter exposure time. It avoids visible noise and creates clear photos.\*

\* The function requires higher-performance phone processors and is currently unavailable on some models.



# AI Noise Cancellation



ColorOS is committed to creating the ultimate photography experience.

We invested over 20 million RMB in the development of AI Noise Cancellation technology. It effectively refines photos while retaining most of the details.

We used over 10,000 photos to test our AI Noise Cancellation algorithm, built different models, and extensively trained the algorithm. AI Noise Cancellation was able to repair pixel-level defects by anticipating noise points. Your photos will no longer look grainy, noisy, or pixelated. \*

\* The function requires higher-performance phone processors and is currently unavailable on some models.





# Portrait Bokeh

Front camera: Single Camera Bokeh. Rear camera: Dual-Camera Bokeh & Video Bokeh.

ColorOS 7 allows users to adjust bokeh effects. Dual-Camera Bokeh improves the spotlight and gradient effects and corrects poor bokeh.\*

\* The function requires higher-performance phone processors and is currently unavailable on some models.



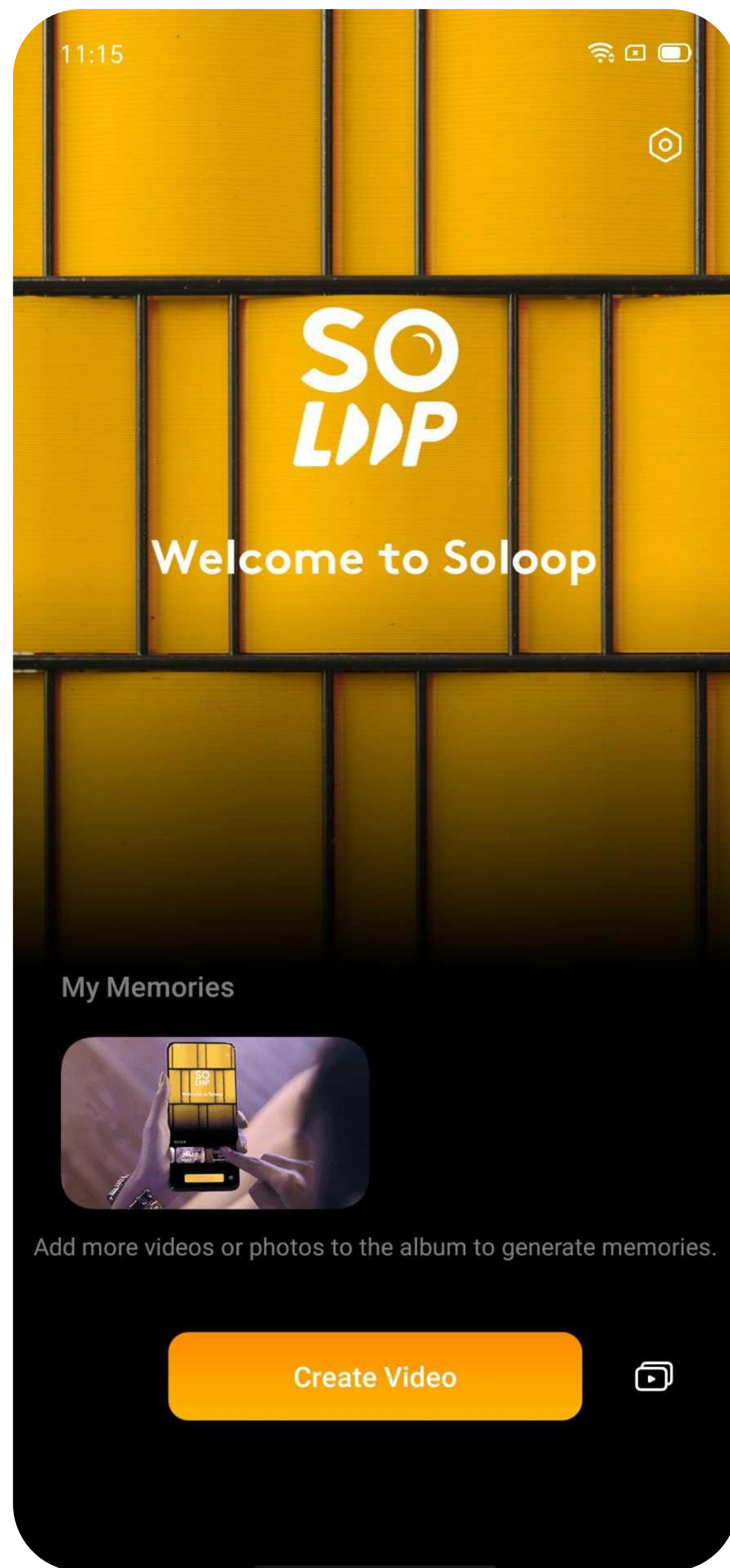


# Video Bokeh

This feature is able to blur the background in real time when you shoot portrait videos. Human subjects are highlighted to produce DSLR-like photos and videos. \*

\* Currently only available on Reno 2.

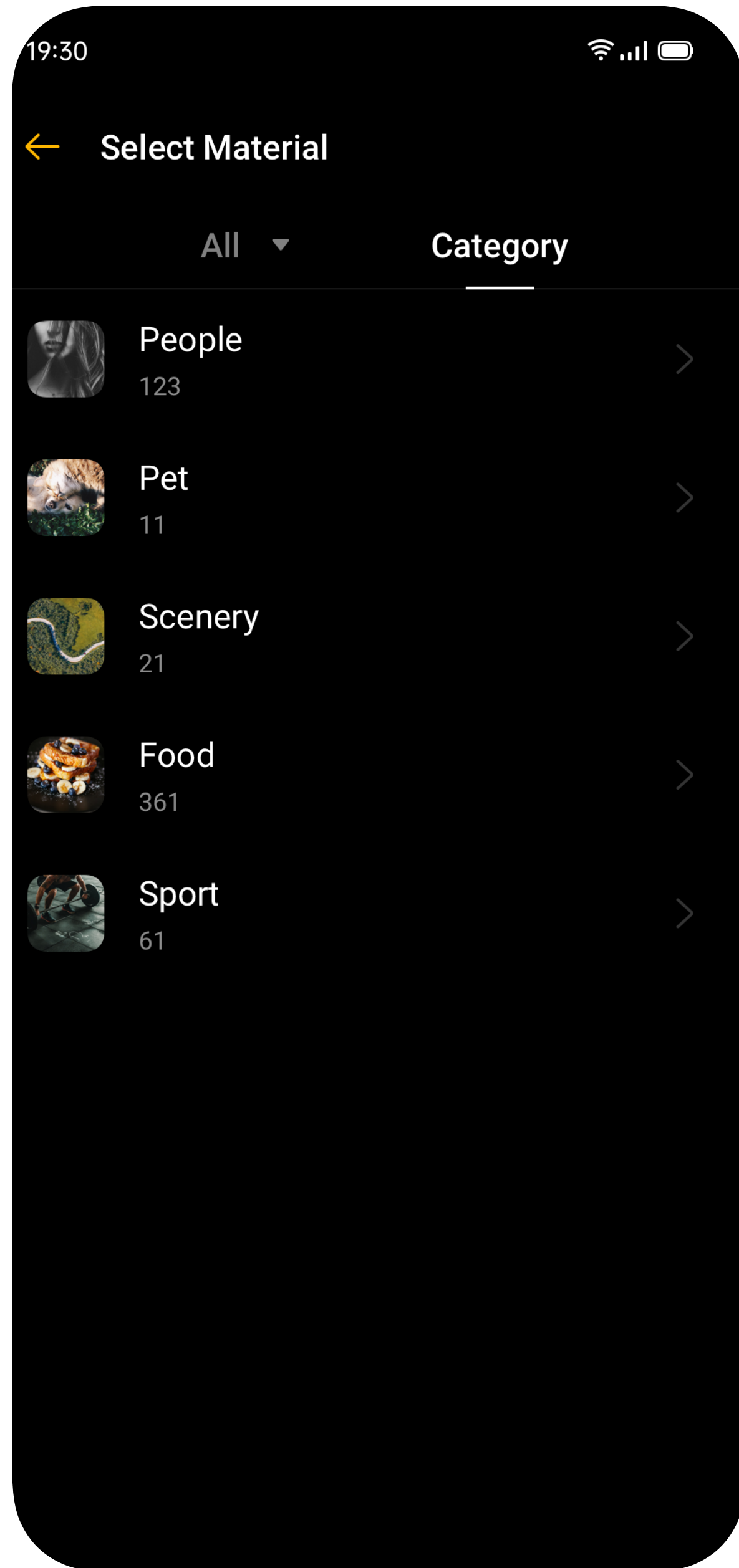




# Soloop

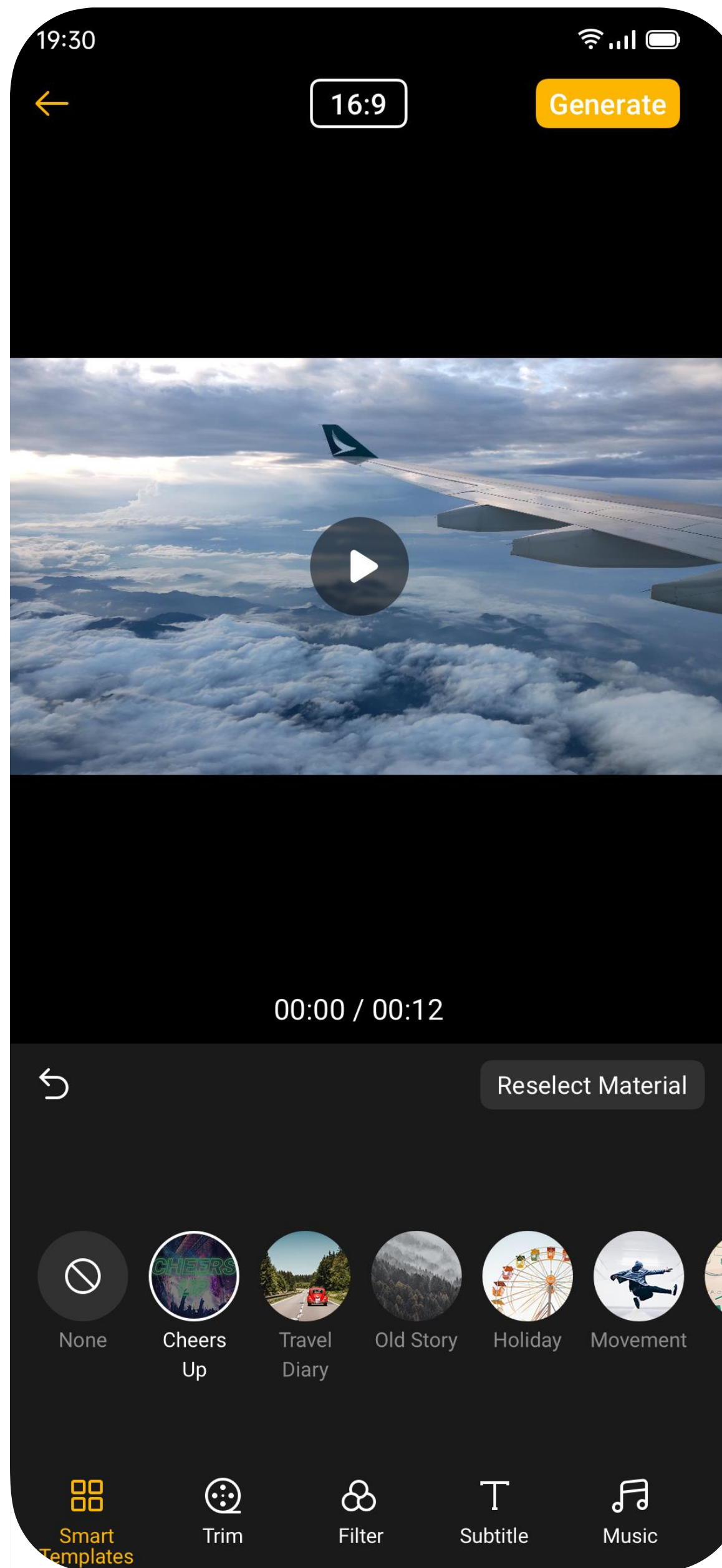
Thanks to technological advances in software and hardware, people everywhere now have the opportunity to take short videos of moments in their daily lives.

ColorOS includes a whole new short video editor called Soloop. Soloop lets you edit videos and add filters, music and effects to your videos in seconds. Amazing videos are just one tap away.



# Intelligently Categorize Videos

Soloop automatically recognizes different scenes and neatly categorizes all of your life's precious moments.



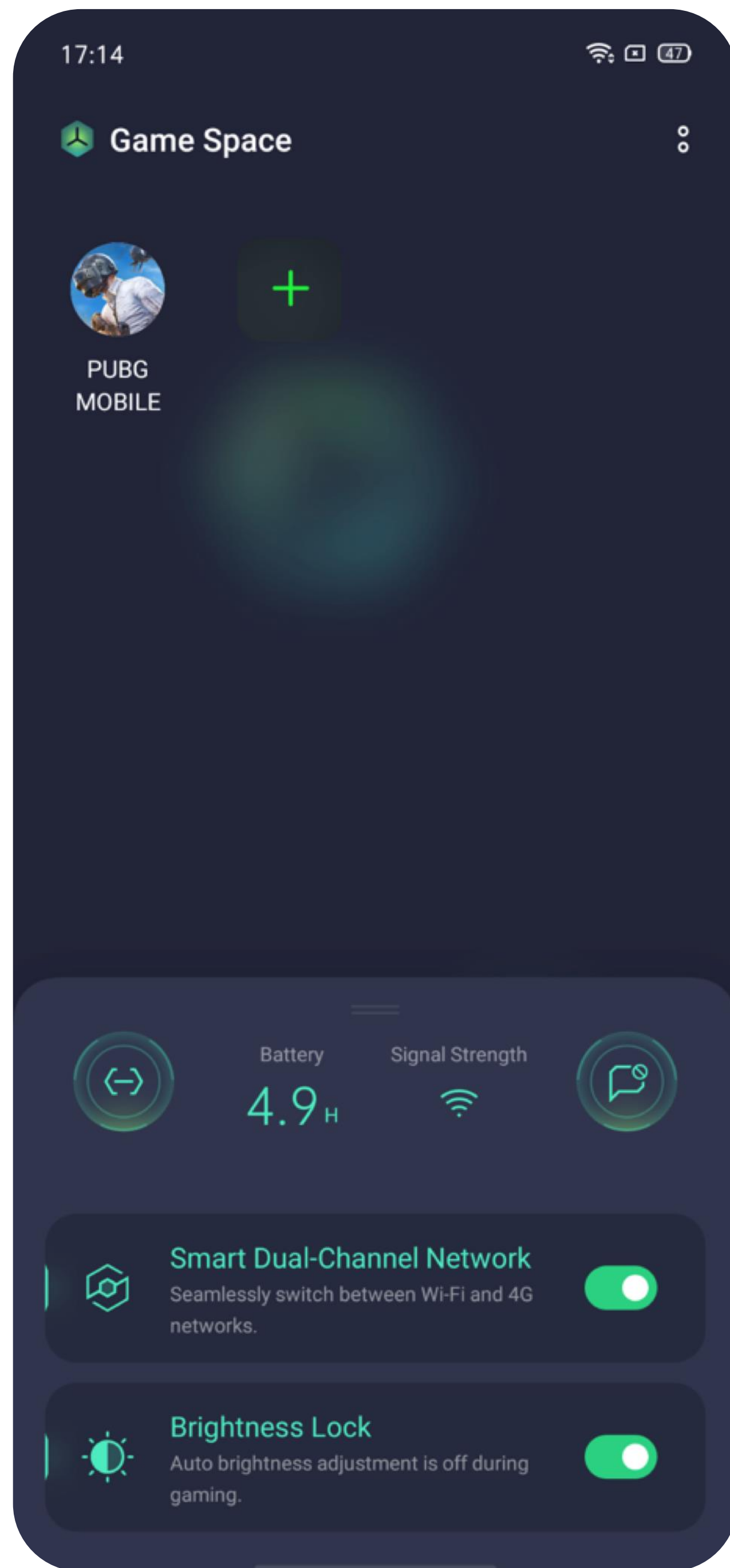
# Instantly Create Short Videos

Solloop selects only your best-quality photos and videos to instantly create short videos.



# Games



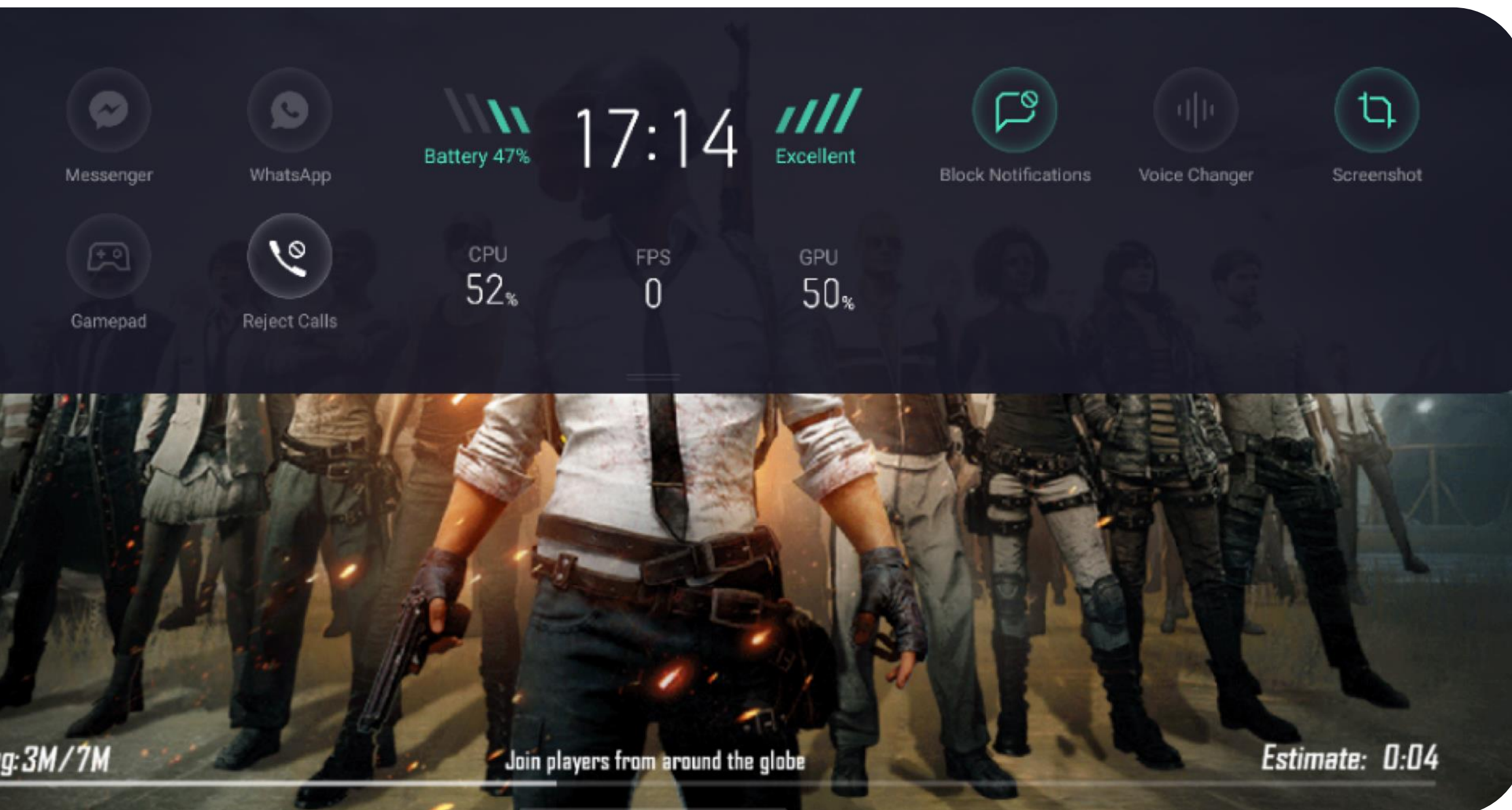


# Game Space

"Game Space" is the ultimate control center for games. Gamers can manage their game library with ease, all in one place.

Game Space lets you customize your gameplay experience. You can switch between network modes, adjust the allocation of system resources, control power consumption, and turn on Do Not Disturb mode to play games the way you want.





# Game Assistant

Mom calling again? With Game Assistant, you will never again need to choose between turning your enemies into dust or talking to your dear mother.

Game Assistant provides an autoplay feature and a customizable Split Screen so you can take care of important matters without having to exit your game. If total focus is what you desire, there's also a Do Not Disturb mode as well as a feature that lets you reject incoming calls.

You can also take screenshots and videos of your most glorious gaming moments and share them with your friends.

# ***HYPER BOOST***

Hyper Boost is a system-level optimization scheme developed by OPPO. It combines three different modules to offer you a seamless gaming experience:

The brand new Game Boost 2.0 adds two modules to optimize your gameplay experience: Touch Plus and Smart FPS.

You can turn these on by opening "Game Space" and selecting Competitive Mode.



Touch sensitivity can make or break your gameplay experience, especially in competitive games. Better touch sensitivity equals better responsiveness, which can often mean the difference between victory and defeat.

OPPO has been dedicated to the improvement of touch control since 2017. Touch Boost was developed through the collaborative efforts of our software and hardware departments, going through several rounds of upgrades and improvements before finally being released.

Touch Plus consists of 4 elements: the Android source, a touch drive, render logic, and CPU scheduling.

In addition, we made some special modifications to Touch Plus for several popular games and measured a 63% improvement in touch sensitivity, allowing players to perform game actions quicker and more efficiently. \*

\* The data above is test data provided by the OPPO Software Test Center and is for reference only. The actual data may be slightly different due to differences in testing environments and software versions.

Gameplay experience has become an important factor for consumers looking to purchase a mobile phone. A simple optimization is no longer enough to keep up with the intricacies of today's games and the growing demands of modern gamers.

Smart Frame is a new technology that detects game lag in advance. It reallocates system resources to target this lag so your game runs more smoothly.





We have a engine optimization project collaboratively developed by OPPO and Cocos.

When using the OPPO engine, system resources can be called in the following scenarios: loading maps, GC, AsyncLoading, SoC frequency increases (for example, when the frame rate drops or during big game battles) scene switches, etc. Cocos can use specific engine interfaces to optimize the corresponding game scenarios for an improved user experience.

In addition to faster load times, gaming performance is also improved by 19.64%.\*

\*The data above is test data provided by the OPPO Software Test Center and is for reference only. The actual data may be slightly different due to differences in testing environments and software versions.

# ***HYPER* BOOST**

In the mobile Internet era, games and phones are becoming increasingly interconnected. The worth of a phone is now not only determined by the device itself, but also by how it handles games.

This is why we've included a further optimized version of Hyper Boost in ColorOS 7.

## **Smart FPS —**

Improves system performance and reduces power consumption by 3.58%.

Predicts game size and increases FPS by 38.32%.

## **Touch Plus—**

Reduces touch response time by 35%. \*

\*The data above is test data provided by the OPPO Software Test Center and is for reference only. The actual data may be slightly different due to differences in testing environments and software versions.



ColorOS

**Thanks**