

How to Take a Screenshot on Android When the App Doesn't Allow It

Some apps restrict the ability to take screenshots. While this can be annoying, there are ways to get around these restrictions.

One of the main advantages of Android is the freedom it offers. However, there are still limits to what you can do. For example, some apps restrict the ability to take screenshots. While this can be annoying, there are ways to get around these limitations.

Use Google Assistant

Some Android apps only block screenshots when you use the standard button combination on your phone. This means you can bypass this restriction if you use any method other than pressing the power and volume buttons to take a screenshot.

Google Assistant is an app that comes built into most Android phones. Its standout feature is voice commands, which let you take screenshots without using a button combination.

1. Open the app you want to take a screenshot of.
2. Activate Google Assistant. You can do this by saying **Hey Google!** or holding down the **Home** key , depending on your settings.
3. Say or type **Take a screenshot** . Google Assistant will now take a screenshot.

16:21

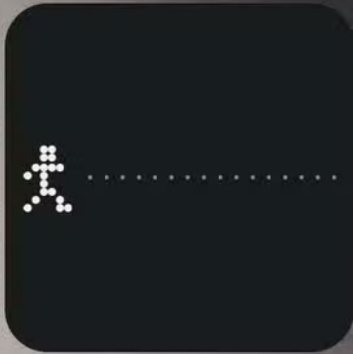
181 KB/S Vo LTE 2



MONDAY
16 DEC
MOSTLY SUNNY
☀️ 7°



16:21 HOME



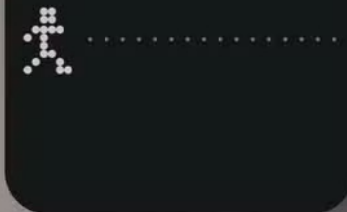
16:21



MONDAY
16 DEC
MOSTLY SUNNY
☀️ 7°




16:21 HOME





Try saying

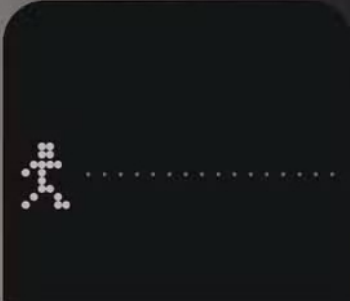
“How many calories are in an apple?”





 **Screenshot saved** · now
Tap to view the screenshot


 

Share Edit Delete





Take a screenshot. ✓

 Search About my location

Take a screenshot

Unfortunately, this simple method has a low success rate. Apps with strict screenshot restrictions, like Chrome's Incognito mode or secure banking apps, often produce a blank or black screen. If this method doesn't work, try one of the more advanced techniques below.

Record screen and extract screenshots from it

If traditional screenshot methods don't work, you can record your screen and then extract screenshots from the video. Most Android phones have a built-in screen recording feature. Here's how:

1. Enable the screen recorder on your phone (you'll usually find this in the Quick Settings menu).
2. Start recording the screen while using the app you want to capture.
3. Once you're done recording, play back the video and pause at the desired frame.
4. Take a screenshot of the paused frame using the button combination on your phone or any screenshot tool.

16:21

Mon, 16 Dec

10.8 KB/S VoLTE 2 82%



The Sky Looks Odd

On



Bluetooth

On



Screen rec... >

Battery Share

NFC

Screen Cas... >

Focus mode
Off

Data Saver



PIEPUTER

If Ever I Recall Your Face

Melody Gardot



This device is co... >

7





Mon, 16 Dec

63.9 KB/S LTE 2 82%



The Sky Looks Odd

On



Bluetooth

On



Start recording?

While you're recording, Android has access to anything visible on your screen or played on your device. So be careful with things like passwords, payment details, messages, photos, audio and video.



Record audio

Device audio



Show touches on screen



Cancel

Start

If Ever I Recall Your Face

Melody Gardot



This device is co...



7



16:22 X X

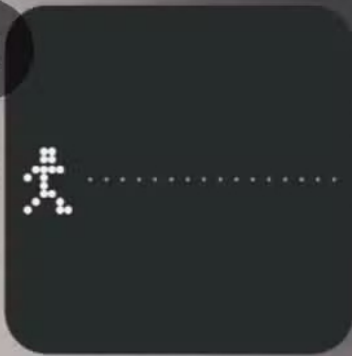
9.07 KB/S Vo LTE 2



MONDAY
16 DEC
MOSTLY SUNNY
☀️ 7°



16:21 HOME



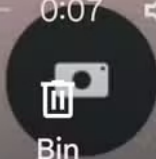
0:03



Share



Edit



Bin

0:07



This method can work sometimes, but like Google Assistant, it's not foolproof. Some apps block screen recording, so you'll have a better chance if you start recording on your home screen. The app may still show up as blank in the recording.

Take a screenshot using scrcpy

This is the best method because it can bypass almost all types of screenshot restrictions in Android apps. scrcpy is a lightweight screen mirroring program that allows you to view and control your Android phone's screen on your PC. After mirroring your Android phone's screen to your computer, you can simply use print screen or something like Windows' Snipping Tool to take a screenshot.

scrcpy is available on Windows, macOS, and Linux. You can install scrcpy using Homebrew on macOS. Check the scrcpy GitHub page for complete instructions on how to install scrcpy on Mac and Linux.

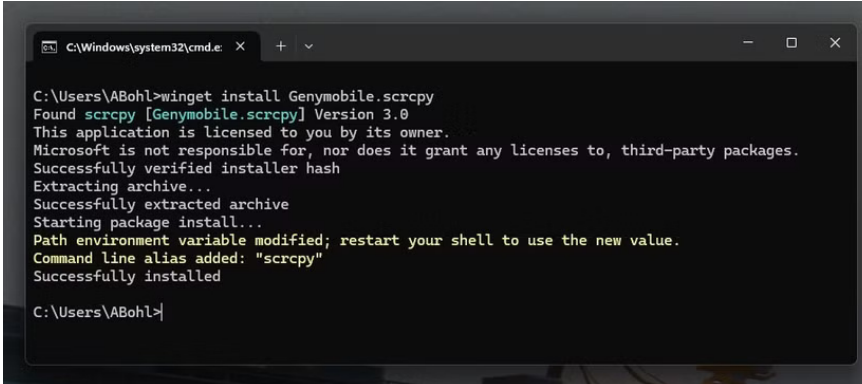
For this article, we will install scrcpy on Windows using Windows Package Manager. You will need to run some code commands, but it is actually easier than you think.

Step 1: Install scrcpy

You can install scrcpy using Windows Package Manager in Command Prompt. Open Command Prompt by searching for **cmd** in the Start menu. Once in Command Prompt, run the following command:

```
winget install Genymobile.scrcpy
```

This command will call Windows Package Manager to install scrcpy. This may take a while depending on your connection speed.



```
C:\Windows\system32\cmd.e. x + v
C:\Users\ABohl>winget install Genymobile.scrcpy
Found scrcpy [Genymobile.scrcpy] Version 3.0
This application is licensed to you by its owner.
Microsoft is not responsible for, nor does it grant any licenses to, third-party packages.
Successfully verified installer hash
Extracting archive...
Successfully extracted archive
Starting package install...
Path environment variable modified; restart your shell to use the new value.
Command line alias added: "scrcpy"
Successfully installed
C:\Users\ABohl>
```

scrcpy works through the Android Device Bridge (ADB), a command-line package that allows you to communicate with your Android phone. You don't have to use ADB for this task, but it is a prerequisite for scrcpy to work. If you don't have ADB installed, scrcpy will ask you to grant installation permission during the installation process. Type **Y** and press **Enter** to grant it.

Step 2: Connect your phone

After installing scrcpy, the next step is to prepare your phone. In order for scrcpy to access your phone's screen, you need to enable USB Debugging on your Android. This requires you to enable Developer mode on your phone.

1. Go to **Settings** on your Android phone.
2. Scroll down to the bottom and select **System** .
3. Find and select **Developer options** .
4. Tap the switch next to **USB Debugging** to **On** .

16:49

423 KB/S Vo LTE 2

SETTINGS

Search settings



Network & internet

Mobile, Wi-Fi, hotspot



Connected devices

Bluetooth, pairing



Apps

Recent apps, default apps



Notifications

Notification history, conversations



Glyph Interface

Customise ringtones and more



Battery

79% - Until 05:15





Storage

16:49


332 KB/S Vo LTE 2


← SYSTEM


 **Keyboard**
On-screen keyboard, tools


 **System update**
Updated to Android 14


 **Gestures**


 **Game Mode**

 **Pop-up view**


 **RAM Booster**


 **Date and time**
GMT+03:30 Iran Standard Time

 **Backup**

 **Multiple users**
Signed in as Amir

 **Developer options**

 **Reset options**

 **Feedback**

16:49

475 KB/S Vo LTE 2



DEVELOPER OPTIONS



Use Developer options



Glyph Interface debug mode



USB debugging

Debug mode when USB is connected



Revoke USB debugging authorisations

Wireless debugging

Debug mode when Wi-Fi is connected



Disable adb authorisation timeout

Disable automatic revocation of adb authorisations for systems that have not reconnected within the default (seven days) or user-configured (minimum one day) amount of time.



Bug report shortcut

Show a button in the power menu for taking a bug report



Enable view attribute inspection



Select debug app

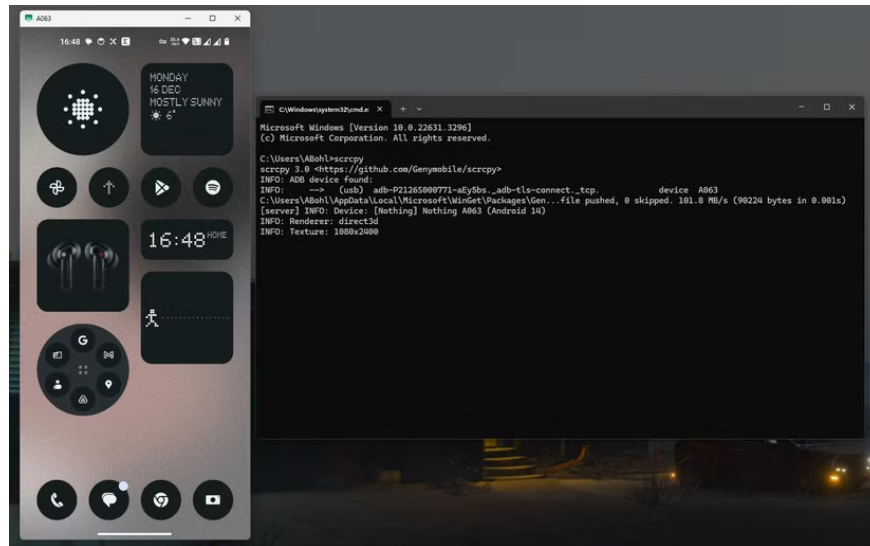
No debug application set

Wait for debugger

Now both your phone and computer are ready. Connect your phone to your computer's USB and enter the command below into Command Prompt:

```
scrcpy
```

After you press **Enter** , a window will appear and you will be able to see your phone screen. You can even use your computer's mouse and keyboard to navigate your phone and type easily. Now that your phone screen is projected onto your computer, you can freely take a screenshot using print screen or other screenshot methods.



Some Android apps restrict screenshots for privacy or security reasons, but with persistence you can bypass these restrictions. If the app is simply blocking your phone's screenshot button combination, alternative methods like asking Google Assistant may work, though with limited success.

For a more reliable option, scrcpy allows you to stream your phone's screen to your computer, where you can take screenshots at your leisure.

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