

Converting Colors

RGB(154, 171, 105)

Have a look what the booklet for
RGB(154, 171, 105) contains.

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Color

RGB(154, 171, 105)

Conversions

Conversions Part 1

Format	Color
Hex	9AAB69
RGB	154, 171, 105
RGB Percent	60%, 67%, 41%
CMY	0.3961, 0.3294, 0.5882
CMYK	0.10, 0.00, 0.39, 0.33
HSL	75°, 28%, 54%
HSV	75°, 39%, 67%
XYZ	30.4391, 37.0158, 18.9050
YIQ	158.3930, 11.0540, -24.1300

Conversions

Conversions Part 2

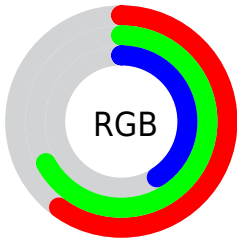
Format	Color
RYB	105, 171, 122
Decimal	10136425
CIELab	67.29, -16.92, 32.03
CIELCh	67, 36.220, 117.846
Yxy	37.0158, 0.3525, 0.4286
Android (android.graphics.Color)	4288326505 (0xFF9AAB69)
YUV	158.3930, -26.3227, -3.8527
Hunter-Lab	60.8406, -17.1657, 24.1652

Details

The RGB color **154, 171, 105** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **122, 105, 171**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **209, 226, 157**, and **102, 119, 56** is the 20% darker color. If you saturate the color by 10%, you get **150, 171, 88**, and if you desaturate by 10%, it is **158, 171, 122**.

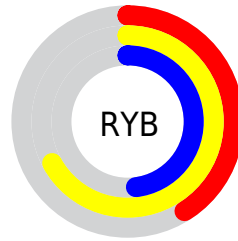
Distribution



Red (60%)

Green (67%)

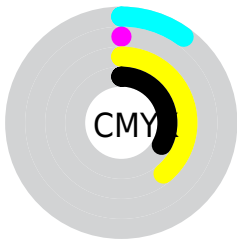
Blue (41%)



Red (41%)

Yellow (67%)

Blue (48%)

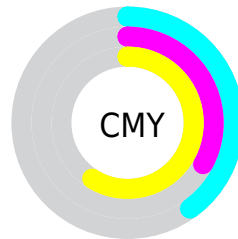


Cyan (10%)

Magenta (0%)

Yellow (39%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 154, 171, 105 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 154, 171, 105 by changing the saturation by 10% instead.

 154, 171, 105


255, 255, 255

 209, 226, 157

 238, 255, 184

 255, 255, 212

 255, 255, 241


 154, 171, 105

 127, 144, 80

 102, 119, 56


 77, 94, 33


 53, 70, 9


 31, 48, 0


 0, 28, 0


 0, 0, 0

 154, 171, 105


 150, 171, 88

 154, 171, 105


 158, 171, 122


 145, 171, 71

 163, 171, 139

 141, 171, 54

 167, 171, 156


 136, 171, 37

 172, 171, 173

 132, 171, 20

 176, 171, 190

 128, 171, 2

 180, 171, 208

 127, 171, 0

 185, 171, 225

 189, 171, 242

 194, 171, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188, 161, 98



154, 171, 105



115, 178, 128

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



154, 171, 105



55, 176, 218



224, 139, 167

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



154, 171, 105



122, 105, 171

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



203, 145, 199



154, 171, 105



113, 168, 229

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



154, 171, 105



28, 181, 193



164, 156, 221



227, 141, 135

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



154, 171, 105



87, 180, 149



164, 156, 221



219, 140, 179

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



154, 171, 105



215, 222, 195



171, 121, 105



108, 112, 96



240, 240, 240



112, 112, 112

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



154, 171, 105



196, 222, 120



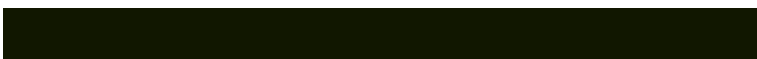
121, 171, 105



84, 87, 78



112, 150, 0



17, 23, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



122, 105, 171



146, 120, 222



154, 105, 171



80, 78, 87



39, 0, 150



6, 0, 23

Previews

White Background



This preview shows how the RGB color 154, 171, 105 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 154, 171, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

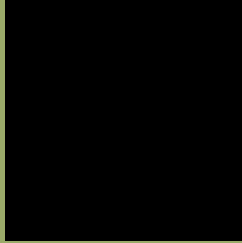
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 154, 171, 105 Background



This preview shows how black text looks on a background with the RGB color 154, 171, 105.

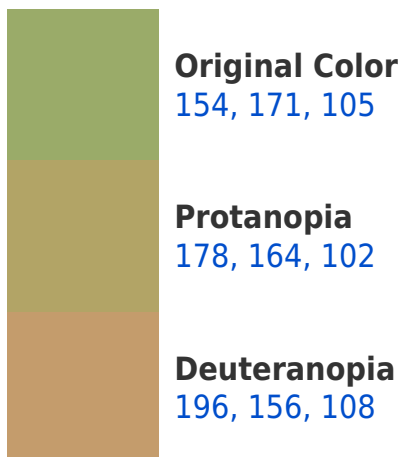


This preview shows how white text looks on a background with the RGB color 154, 171, 105.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
163, 163, 175

Trichromacy



Original Color
154, 171, 105

Protanomaly
169, 167, 103

Deuteranomaly
181, 161, 107

Tritanomaly
160, 166, 150

Monochromacy



Original Color
154, 171, 105

Achromatopsia
158, 158, 158

Achromatomaly
157, 163, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 171, 105 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(154, 171, 105)` looks like.

```
.text, #text, p{  
    color:rgb(154, 171, 105)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(154, 171, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 171, 105) }
```

Border

The CSS property to change the border of an element to RGB 154, 171, 105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 171, 105) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(154, 171, 105) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(154, 171, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 171, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 171, 105);  
box-shadow:4px 4px 4px 4px rgb(154, 171,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 154, 171, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 171, 105) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(154,  
171, 105) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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