

Converting Colors

RGB(176, 171, 154)

Have a look what the booklet for
RGB(176, 171, 154) contains.

RGB(176, 171, 154)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(176, 171, 154)

Conversions

Conversions Part 1

Format	Color
Hex	B0AB9A
RGB	176, 171, 154
RGB Percent	69%, 67%, 60%
CMY	0.3098, 0.3294, 0.3961
CMYK	0.00, 0.03, 0.13, 0.31
HSL	46°, 12%, 65%
HSV	46°, 13%, 69%
XYZ	38.3001, 40.6890, 36.4070
YIQ	170.5570, 8.4370, -4.2270

Conversions

Conversions Part 2

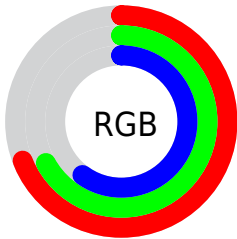
Format	Color
RYB	160, 176, 154
Decimal	11578266
CIELab	69.96, -1.20, 9.39
CIELCh	70, 9.463, 97.266
Yxy	40.6890, 0.3319, 0.3526
Android (android.graphics.Color)	4289768346 (0xFFB0AB9A)
YUV	170.5570, -8.1626, 4.7735
Hunter-Lab	63.7879, -4.4523, 10.8118

Details

The RGB color **176, 171, 154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 159, 176**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **232, 226, 208**, and **123, 119, 103** is the 20% darker color. If you saturate the color by 10%, you get **176, 167, 136**, and if you desaturate by 10%, it is **176, 175, 172**.

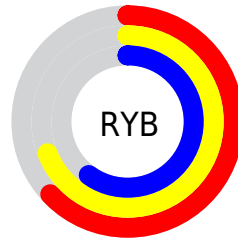
Distribution



Red (69%)

Green (67%)

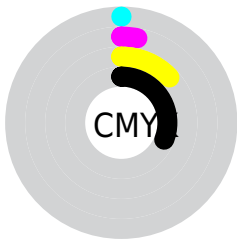
Blue (60%)



Red (63%)

Yellow (69%)

Blue (60%)

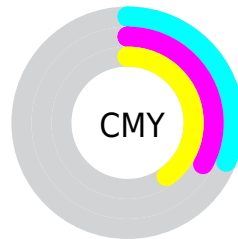


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 171, 154 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 176, 171, 154 by changing the saturation by 10% instead.

 176, 171, 154

255, 255, 255

 232, 226, 208


 255, 255, 237

 176, 171, 154


 149, 145, 128

 123, 119, 103

 98, 94, 79

 74, 71, 56


 52, 48, 35

 31, 27, 13

 0, 0, 0

 176, 171, 154

 176, 167, 136

 176, 171, 154

 176, 175, 172

■ 176, 163, 119

■ 176, 179, 189

■ 176, 159, 101

■ 176, 183, 207

■ 176, 155, 84

■ 176, 187, 224

■ 176, 151, 66

■ 176, 191, 242

■ 176, 147, 48

■ 176, 195, 255

■ 176, 143, 31

■ 176, 199, 255

■ 176, 139, 13

■ 176, 203, 255

■ 176, 136, 0

■ 176, 207, 255

Harmonies

Analogous

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



184, 168, 155



176, 171, 154



166, 174, 157

Triad

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



176, 171, 154



150, 176, 181



184, 166, 178

Complementary

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



176, 171, 154



154, 159, 176

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.



175, 168, 185



176, 171, 154



155, 174, 186

Square

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



176, 171, 154



151, 176, 173



165, 171, 188



189, 165, 169

Rectangle

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



176, 171, 154



160, 175, 161



165, 171, 188



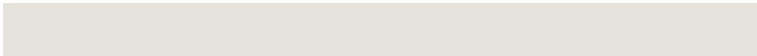
182, 167, 180

Sweetspot

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



176, 171, 154



230, 227, 220



176, 154, 159



115, 113, 109



242, 242, 242



115, 115, 115

Same Dimension

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



176, 171, 154



230, 222, 195



170, 176, 154



89, 87, 80



153, 118, 0



26, 20, 0

Inverse Universe

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



154, 159, 176



195, 203, 230



160, 154, 176



80, 82, 89



0, 35, 153



0, 6, 26

Previews

White Background



This preview shows how the RGB color 176, 171, 154 looks on a white background.

Color Contrast Check

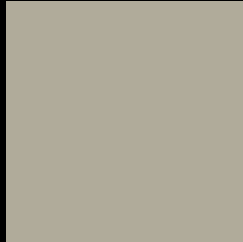
Large Text (above 18pt) WCAG AA × Fail

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 176, 171, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

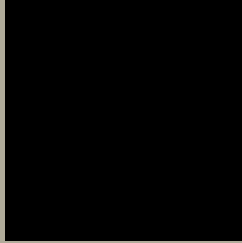
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

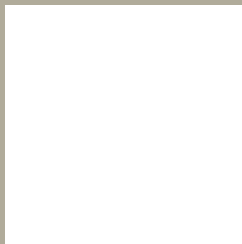
Any Text WCAG AAA ✓ Pass

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

RGB 176, 171, 154 Background



This preview shows how black text looks on a background with the RGB color 176, 171, 154.



This preview shows how white text looks on a background with the RGB color 176, 171, 154.

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



Original Color
176, 171, 154

Protanopia
178, 170, 154

Deuteranopia
193, 165, 155



Tritanopia
180, 167, 180

Trichromacy



Original Color

176, 171, 154

Protanomaly

177, 170, 154

Deuteranomaly

187, 167, 155

Tritanomaly

179, 168, 171

Monochromacy



Original Color

176, 171, 154

Achromatopsia

171, 171, 171

Achromatomaly

173, 171, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 171, 154 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(176, 171, 154) looks like.

```
.text, #text, p{  
    color:rgb(176, 171, 154)  
}
```

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(176, 171, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 171, 154) }
```

Border

The CSS property to change the border of an element to RGB 176, 171, 154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

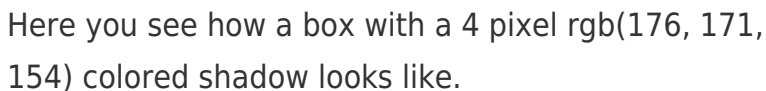
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 171, 154) }
```

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

```
.border{ border-color:rgb(176, 171, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 171, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 171, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 171, 154); box-shadow:4px 4px 4px 4px rgb(176, 171, 154) }
```

Background

The CSS property to change the background color of an element to RGB 176, 171, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 171, 154) }
```

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

```
.background{ background-color: rgb(176,  
171, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor