

Converting Colors

RGB(178, 176, 151)

Have a look what the booklet for
RGB(178, 176, 151) contains.

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Color

RGB(178, 176, 151)

Conversions

Conversions Part 1

Format	Color
Hex	B2B097
RGB	178, 176, 151
RGB Percent	70%, 69%, 59%
CMY	0.3020, 0.3098, 0.4078
CMYK	0.00, 0.01, 0.15, 0.30
HSL	56°, 15%, 65%
HSV	56°, 15%, 70%
XYZ	39.4713, 42.7500, 35.4494
YIQ	173.7480, 9.2170, -7.3510

Conversions

Conversions Part 2

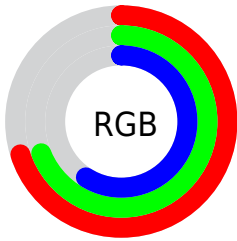
Format	Color
RYB	153, 178, 151
Decimal	11710615
CIELab	71.38, -3.62, 13.08
CIElCh	71, 13.569, 105.486
Yxy	42.7500, 0.3354, 0.3633
Android (android.graphics.Color)	4289900695 (0xFFB2B097)
YUV	173.7480, -11.2148, 3.7290
Hunter-Lab	65.3835, -6.6625, 13.6228

Details

The RGB color **178, 176, 151** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151, 153, 178**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **234, 232, 205**, and **125, 124, 100** is the 20% darker color. If you saturate the color by 10%, you get **178, 175, 133**, and if you desaturate by 10%, it is **178, 177, 169**.

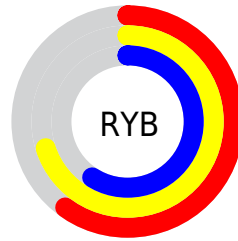
Distribution



Red (70%)

Green (69%)

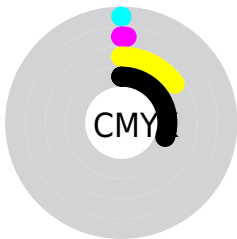
Blue (59%)



Red (60%)

Yellow (70%)

Blue (59%)

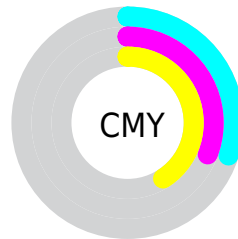


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (30%)



Cyan (30%)

Magenta (31%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RGB color 178, 176, 151 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 178, 176, 151 by changing the saturation by 10% instead.

 178, 176, 151

 178, 176, 151

255, 255, 255


 151, 149, 125

 234, 232, 205

 125, 124, 100

 255, 255, 233

 100, 99, 76

 76, 75, 53


 53, 52, 32

 32, 31, 9

 0, 8, 0

 0, 0, 0

 178, 176, 151

 178, 176, 151

■ 178, 175, 133

■ 178, 177, 169

■ 178, 173, 115

■ 178, 179, 187

■ 178, 172, 98

■ 178, 180, 204

■ 178, 171, 80

■ 178, 181, 222

■ 178, 169, 62

■ 178, 183, 240

■ 178, 168, 44

■ 178, 184, 255

■ 178, 167, 26

■ 178, 185, 255

■ 178, 165, 9

■ 178, 187, 255

■ 178, 165, 0

■ 178, 188, 255

Harmonies

Analogous

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



191, 172, 151



178, 176, 151



164, 180, 157

Triad

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



178, 176, 151



145, 181, 192



196, 167, 181

Complementary

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



178, 176, 151



151, 153, 178

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.



185, 170, 192



178, 176, 151



155, 178, 198

Square

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



178, 176, 151



144, 182, 181



170, 174, 198



201, 166, 169

Rectangle

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



178, 176, 151



155, 181, 164



170, 174, 198



193, 168, 185

Sweetspot

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



178, 176, 151



232, 231, 220



178, 151, 153



117, 117, 110



245, 245, 245



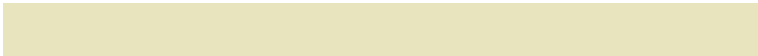
117, 117, 117

Same Dimension

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



178, 176, 151



232, 229, 190



167, 178, 151



89, 89, 80



153, 142, 0



26, 24, 0

Inverse Universe

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



151, 153, 178



190, 193, 232



162, 151, 178



80, 81, 89



0, 11, 153



0, 2, 26

Previews

White Background



This preview shows how the RGB color 178, 176, 151 looks on a white background.

Color Contrast Check

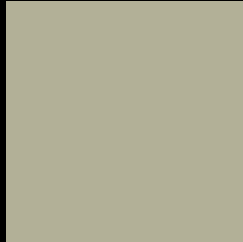
Large Text (above 18pt) WCAG AA × Fail

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 178, 176, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

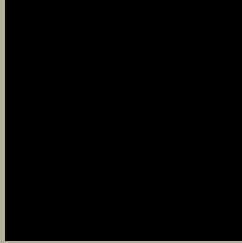
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

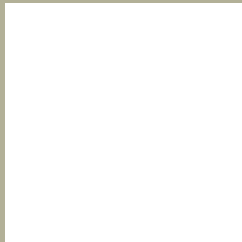
Any Text WCAG AAA ✓ Pass

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

RGB 178, 176, 151 Background



This preview shows how black text looks on a background with the RGB color 178, 176, 151.



This preview shows how white text looks on a background with the RGB color 178, 176, 151.

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
178, 176, 151

Protanopia
183, 174, 150

Deuteranopia
200, 168, 153



Tritanopia
183, 171, 185

Trichromacy



Original Color

178, 176, 151

Protanomaly

181, 175, 150

Deuteranomaly

192, 171, 152

Tritanomaly

181, 173, 173

Monochromacy



Original Color

178, 176, 151

Achromatopsia

174, 174, 174

Achromatomaly

175, 175, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 176, 151 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(178, 176, 151) looks like.

```
.text, #text, p{  
    color:rgb(178, 176, 151)  
}
```

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(178, 176, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 176, 151) }
```

Border

The CSS property to change the border of an element to RGB 178, 176, 151 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(178, 176, 151) }
```

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

```
.border{ border-color:rgb(178, 176, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 176, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 176, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 176, 151);  
box-shadow:4px 4px 4px 4px rgb(178, 176,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 178, 176, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 176, 151) }
```

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

```
.background{ background-color: rgb(178,  
176, 151) }
```

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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