

Converting Colors

RGB(177, 175, 118)

Have a look what the booklet for
RGB(177, 175, 118) contains.

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Color

RGB(177, 175, 118)

Conversions

Conversions Part 1

Format	Color
Hex	B1AF76
RGB	177, 175, 118
RGB Percent	69%, 69%, 46%
CMY	0.3059, 0.3137, 0.5373
CMYK	0.00, 0.01, 0.33, 0.31
HSL	58°, 27%, 58%
HSV	58°, 33%, 69%
XYZ	36.7314, 41.3151, 23.1782
YIQ	169.1000, 19.4890, -17.3030

Conversions

Conversions Part 2

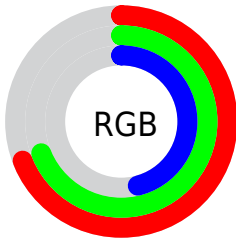
Format	Color
RYB	120, 177, 118
Decimal	11644790
CIELab	70.40, -8.20, 29.54
CIELCh	70, 30.658, 105.513
Yxy	41.3151, 0.3629, 0.4082
Android (android.graphics.Color)	4289834870 (0xFFB1AF76)
YUV	169.1000, -25.1923, 6.9283
Hunter-Lab	64.2768, -10.4792, 23.6138

Details

The RGB color **177, 175, 118** is a light color, and the websafe version is hex **999966**. A complement of this color would be **118, 120, 177**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **233, 230, 171**, and **123, 123, 69** is the 20% darker color. If you saturate the color by 10%, you get **177, 174, 100**, and if you desaturate by 10%, it is **177, 176, 136**.

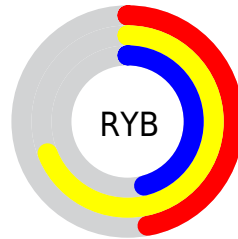
Distribution



Red (69%)

Green (69%)

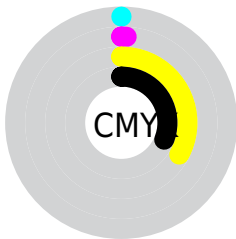
Blue (46%)



Red (47%)

Yellow (69%)

Blue (46%)

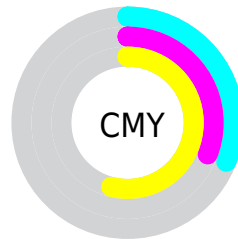


Cyan (0%)

Magenta (1%)

Yellow (33%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 175, 118 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 177, 175, 118 by changing the saturation by 10% instead.

 177, 175, 118

255, 255, 255

 233, 230, 171

 255, 255, 198


 255, 255, 226

 177, 175, 118

 150, 148, 93

 123, 123, 69

 98, 98, 45


 73, 74, 23


 50, 52, 0

 27, 31, 0

 0, 3, 0

 0, 0, 0

 177, 175, 118

 177, 175, 118

■ 177, 174, 100

■ 177, 176, 136

■ 177, 174, 83

■ 177, 176, 153

■ 177, 173, 65

■ 177, 177, 171

■ 177, 173, 47

■ 177, 177, 189

■ 177, 172, 30

■ 177, 178, 207

■ 177, 171, 12

■ 177, 179, 224

■ 177, 171, 0

■ 177, 179, 242

■ 177, 180, 255

■ 177, 180, 255

Harmonies

Analogous

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



204, 166, 119



177, 175, 118



146, 182, 132

Triad

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



177, 175, 118



85, 185, 211



219, 153, 187

Complementary

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



177, 175, 118



118, 120, 177

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.



194, 160, 211



177, 175, 118



116, 179, 225

Square

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



177, 175, 118



87, 188, 186



157, 170, 226



228, 152, 159

Rectangle

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



177, 175, 118



124, 185, 148



157, 170, 226



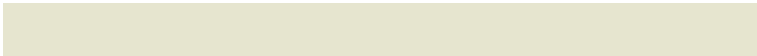
212, 155, 196

Sweetspot

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



177, 175, 118



230, 229, 207



177, 118, 121



115, 114, 101



242, 242, 242



115, 115, 115

Same Dimension

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



177, 175, 118



230, 226, 138



150, 177, 118



89, 89, 80



153, 148, 0



26, 25, 0

Inverse Universe

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



118, 120, 177



138, 141, 230



145, 118, 177



80, 81, 89



0, 5, 153



0, 1, 26

Previews

White Background



This preview shows how the RGB color 177, 175, 118 looks on a white background.

Color Contrast Check

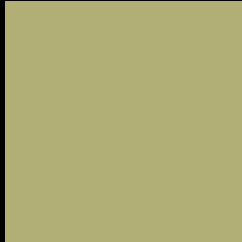
Large Text (above 18pt) WCAG AA × Fail

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 177, 175, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

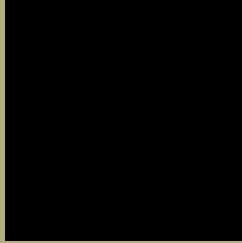
Any Text WCAG AA ✓ Pass

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 177, 175, 118 Background



This preview shows how black text looks on a background with the RGB color 177, 175, 118.



This preview shows how white text looks on a background with the RGB color 177, 175, 118.

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


177, 175, 118

Protanopia

186, 172, 117

Deuteranopia

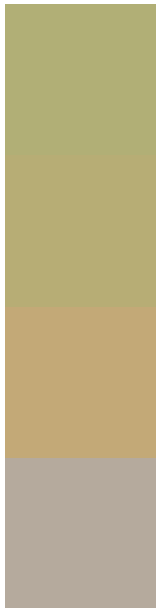
205, 165, 120



Tritanopia

184, 167, 180

Trichromacy



Original Color
177, 175, 118

Protanomaly
183, 173, 117

Deuteranomaly
195, 169, 119

Tritanomaly
181, 170, 157

Monochromacy



Original Color
177, 175, 118

Achromatopsia
169, 169, 169

Achromatomaly
172, 171, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 175, 118 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(177, 175, 118)` looks like.

```
.text, #text, p{  
    color:rgb(177, 175, 118)  
}
```

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(177, 175, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 175, 118) }
```

Border

The CSS property to change the border of an element to RGB 177, 175, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

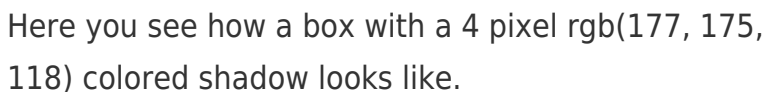
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 175, 118) }
```

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

```
.border{ border-color:rgb(177, 175, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 175, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 175, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 175, 118);  
box-shadow:4px 4px 4px 4px rgb(177, 175,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 177, 175, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 175, 118) }
```

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

```
.background{ background-color: rgb(177,  
175, 118) }
```

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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