

Converting Colors

RGB(172, 175, 118)

Have a look what the booklet for
RGB(172, 175, 118) contains.

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Color

RGB(172, 175, 118)

Conversions

Conversions Part 1

Format	Color
Hex	ACAF76
RGB	172, 175, 118
RGB Percent	67%, 69%, 46%
CMY	0.3255, 0.3137, 0.5373
CMYK	0.02, 0.00, 0.33, 0.31
HSL	63°, 26%, 57%
HSV	63°, 33%, 69%
XYZ	35.6132, 40.7386, 23.1259
YIQ	167.6050, 16.5090, -18.3630

Conversions

Conversions Part 2

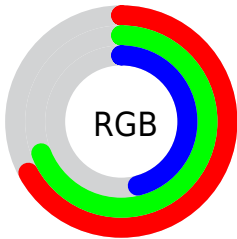
Format	Color
RYB	118, 175, 121
Decimal	11317110
CIELab	69.99, -10.19, 28.93
CIELCh	70, 30.678, 109.407
Yxy	40.7386, 0.3580, 0.4095
Android (android.graphics.Color)	4289507190 (0xFFACAF76)
YUV	167.6050, -24.4553, 3.8544
Hunter-Lab	63.8268, -12.0998, 23.1967

Details

The RGB color **172, 175, 118** is a light color, and the websafe version is hex **999966**. A complement of this color would be **121, 118, 175**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **228, 230, 171**, and **119, 123, 69** is the 20% darker color. If you saturate the color by 10%, you get **171, 175, 101**, and if you desaturate by 10%, it is **173, 175, 136**.

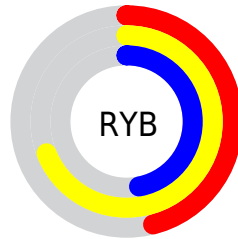
Distribution



Red (67%)

Green (69%)

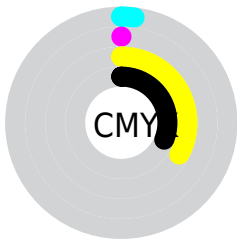
Blue (46%)



Red (46%)

Yellow (69%)

Blue (47%)

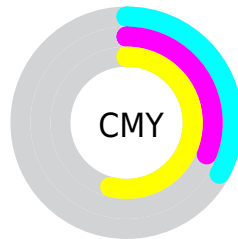


Cyan (2%)

Magenta (0%)

Yellow (33%)

Black (31%)



Cyan (33%)


Magenta (31%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 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 172, 175, 118 by changing the saturation by 10% instead.


 172, 175, 118


255, 255, 255

 228, 230, 171


 255, 255, 198

 255, 255, 226

 172, 175, 118

 145, 148, 93

 119, 123, 69

 93, 98, 45

 69, 74, 23


 46, 52, 0

 23, 30, 0

 0, 0, 0

 172, 175, 118

 171, 175, 101

 172, 175, 118

 173, 175, 136

■ 170, 175, 83

■ 174, 175, 153

■ 169, 175, 66

■ 175, 175, 171

■ 168, 175, 48

■ 176, 175, 188

■ 167, 175, 30

■ 177, 175, 206

■ 166, 175, 13

■ 178, 175, 223

■ 166, 175, 0

■ 178, 175, 241

■ 179, 175, 255

■ 180, 175, 255

Harmonies

Analogous

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



200, 166, 117



172, 175, 118



140, 182, 134

Triad

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



172, 175, 118



86, 183, 212



220, 151, 182

Complementary

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



172, 175, 118



121, 118, 175

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.



197, 158, 208



172, 175, 118



120, 177, 225

Square

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



172, 175, 118



83, 186, 189



161, 167, 223



227, 151, 154

Rectangle

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



172, 175, 118



118, 185, 151



161, 167, 223



214, 153, 191

Sweetspot

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



172, 175, 118



226, 227, 204



175, 121, 118



114, 115, 101



242, 242, 242



115, 115, 115

Same Dimension

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



172, 175, 118



222, 227, 138



144, 175, 118



86, 87, 78



143, 150, 0



22, 23, 0

Inverse Universe

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



121, 118, 175



143, 138, 227



149, 118, 175



78, 78, 87



8, 0, 150



1, 0, 23

Previews

White Background



This preview shows how the RGB color 172, 175, 118 looks on a white background.

Color Contrast Check

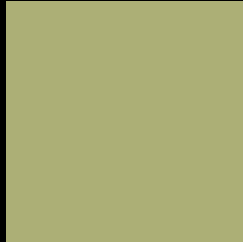
Large Text (above 18pt) WCAG AA × Fail

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 172, 175, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

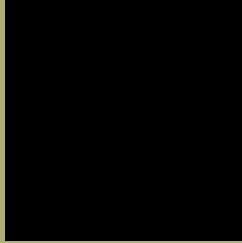
Any Text WCAG AA ✓ Pass

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 172, 175, 118 Background



This preview shows how black text looks on a background with the RGB color 172, 175, 118.



This preview shows how white text looks on a background with the RGB color 172, 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
172, 175, 118

Protanopia
185, 171, 116

Deuteranopia
203, 164, 120



Tritanopia
180, 167, 180

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 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(172, 175, 118)` looks like.

```
.text, #text, p{  
    color:rgb(172, 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(172, 175, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 175, 118) }
```

Border

The CSS property to change the border of an element to RGB 172, 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(172, 175, 118) }
```

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

```
.border{ border-color:rgb(172, 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(172, 175, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 175, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 175, 118);  
box-shadow:4px 4px 4px 4px rgb(172, 175,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 172, 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(172, 175, 118) }
```

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

```
.background{ background-color: rgb(172,  
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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