

Converting Colors

RGB(170, 171, 117)

Have a look what the booklet for
RGB(170, 171, 117) contains.

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Color

RGB(170, 171, 117)

Conversions

Conversions Part 1

Format	Color
Hex	AAAB75
RGB	170, 171, 117
RGB Percent	67%, 67%, 46%
CMY	0.3333, 0.3294, 0.5412
CMYK	0.01, 0.00, 0.32, 0.33
HSL	61°, 24%, 56%
HSV	61°, 32%, 67%
XYZ	34.3514, 38.9562, 22.5384
YIQ	164.5450, 16.7380, -17.0060

Conversions

Conversions Part 2

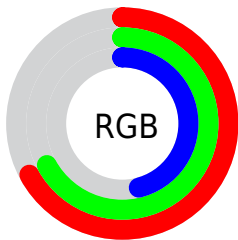
Format	Color
RYB	117, 171, 118
Decimal	11185013
CIELab	68.72, -9.02, 27.76
CIElCh	69, 29.187, 107.993
Yxy	38.9562, 0.3584, 0.4064
Android (android.graphics.Color)	4289375093 (0xFFAAAB75)
YUV	164.5450, -23.4397, 4.7840
Hunter-Lab	62.4149, -10.9849, 22.2805

Details

The RGB color **170, 171, 117** is a light color, and the websafe version is hex **999966**. A complement of this color would be **118, 117, 171**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **226, 226, 170**, and **117, 119, 68** is the 20% darker color. If you saturate the color by 10%, you get **170, 171, 100**, and if you desaturate by 10%, it is **170, 171, 134**.

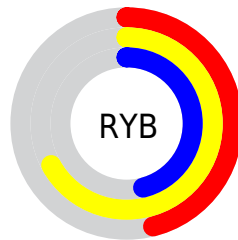
Distribution



Red (67%)

Green (67%)

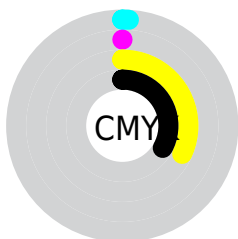
Blue (46%)



Red (46%)

Yellow (67%)

Blue (46%)

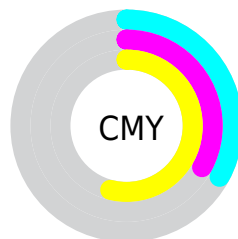


Cyan (1%)

Magenta (0%)

Yellow (32%)

Black (33%)



Cyan (33%)


Magenta (33%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 171, 117 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 170, 171, 117 by changing the saturation by 10% instead.

 170, 171, 117


255, 255, 255

 226, 226, 170


 255, 255, 197

 255, 255, 225

255, 255, 254

 170, 171, 117

 170, 171, 100

 170, 171, 117


 143, 145, 92

 117, 119, 68


 92, 94, 45


 67, 71, 22


 45, 48, 0


 21, 28, 0

 0, 0, 0


 170, 171, 117


 170, 171, 134


 169, 171, 83


 171, 171, 151


 169, 171, 66


 171, 171, 168


 169, 171, 49

 171, 171, 185


 168, 171, 31

 172, 171, 202

 168, 171, 14

 172, 171, 220

 168, 171, 0

 172, 171, 237

 173, 171, 254

 173, 171, 255

Harmonies

Analogous

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



196, 162, 116



170, 171, 117



140, 178, 132

Triad

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



170, 171, 117



88, 179, 206



213, 149, 179

Complementary

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



170, 171, 117



118, 117, 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.



191, 155, 203



170, 171, 117



118, 173, 219

Square

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



170, 171, 117



87, 182, 183



157, 165, 218



221, 149, 153

Rectangle

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



170, 171, 117



119, 181, 147



157, 165, 218



207, 151, 188

Sweetspot

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



170, 171, 117



221, 222, 202



171, 118, 117



112, 112, 100



240, 240, 240



112, 112, 112

Same Dimension

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



170, 171, 117



220, 222, 138



143, 171, 117



87, 87, 78



148, 150, 0



23, 23, 0

Inverse Universe

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



118, 117, 171



139, 138, 222



145, 117, 171



78, 78, 87



3, 0, 150



0, 0, 23

Previews

White Background



This preview shows how the RGB color 170, 171, 117 looks on a white background.

Color Contrast Check

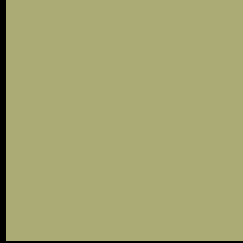
Large Text (above 18pt) WCAG AA × Fail

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 170, 171, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

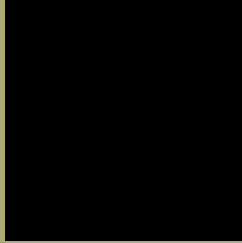
Any Text WCAG AA ✓ Pass

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 170, 171, 117 Background



This preview shows how black text looks on a background with the RGB color 170, 171, 117.

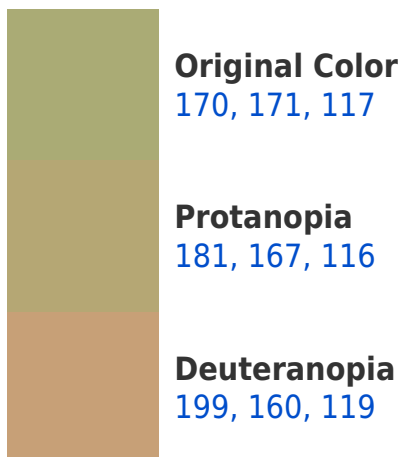



This preview shows how white text looks on a background with the RGB color 170, 171, 117.

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](#).

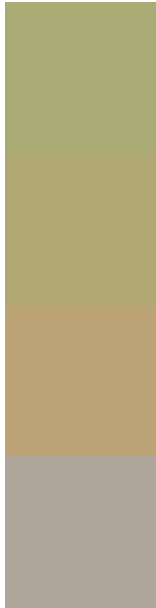
Dichromacy





Tritanopia
177, 163, 176

Trichromacy



Original Color
170, 171, 117

Protanomaly
177, 168, 116

Deuteranomaly
188, 164, 118

Tritanomaly
174, 166, 155

Monochromacy



Original Color
170, 171, 117

Achromatopsia
165, 165, 165

Achromatomaly
167, 167, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 171, 117 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(170, 171, 117)` looks like.

```
.text, #text, p{  
    color:rgb(170, 171, 117)  
}
```

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(170, 171, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 171, 117) }
```

Border

The CSS property to change the border of an element to RGB 170, 171, 117 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(170, 171, 117) }
```

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

```
.border{ border-color:rgb(170, 171, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 171, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 171, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 171, 117);  
box-shadow:4px 4px 4px 4px rgb(170, 171,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 170, 171, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 171, 117) }
```

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

```
.background{ background-color: rgb(170,  
171, 117) }
```

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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