

Converting Colors

RGB(107, 171, 117)

Have a look what the booklet for
RGB(107, 171, 117) contains.

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Color

RGB(107, 171, 117)

Conversions

Conversions Part 1

Format	Color
Hex	6BAB75
RGB	107, 171, 117
RGB Percent	42%, 67%, 46%
CMY	0.5804, 0.3294, 0.5412
CMYK	0.37, 0.00, 0.32, 0.33
HSL	129°, 28%, 55%
HSV	129°, 37%, 67%
XYZ	23.8372, 33.5360, 22.0464
YIQ	145.7080, -20.8100, -30.3620

Conversions

Conversions Part 2

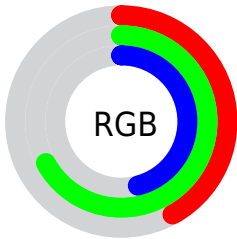
Format	Color
RYB	107, 162, 171
Decimal	7056245
CIELab	64.59, -32.07, 21.51
CIELCh	65, 38.615, 146.147
Yxy	33.5360, 0.3001, 0.4223
Android (android.graphics.Color)	4285246325 (0xFF6BAB75)
YUV	145.7080, -14.1530, -33.9469
Hunter-Lab	57.9103, -27.8682, 17.9655

Details

The RGB color **107, 171, 117** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **171, 107, 161**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **161, 227, 169**, and **55, 118, 68** is the 20% darker color. If you saturate the color by 10%, you get **90, 171, 103**, and if you desaturate by 10%, it is **124, 171, 131**.

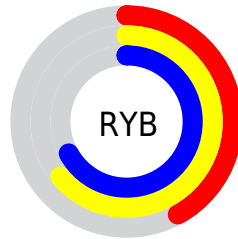
Distribution



Red (42%)

Green (67%)

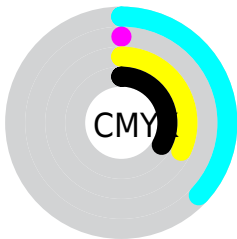
Blue (46%)



Red (42%)

Yellow (64%)

Blue (67%)

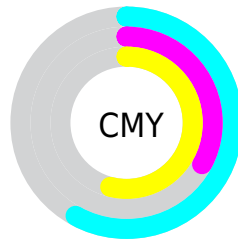


Cyan (37%)

Magenta (0%)

Yellow (32%)

Black (33%)



Cyan (58%)

Magenta (33%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 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 107, 171, 117 by changing the saturation by 10% instead.

 107, 171, 117

255, 255, 255


 161, 227, 169

 188, 255, 197

 217, 255, 225

 246, 255, 254

 107, 171, 117

 81, 144, 92

 55, 118, 68

 28, 93, 45


 0, 69, 24

 0, 46, 0


 0, 25, 0

 0, 0, 0

 107, 171, 117

 90, 171, 103

 107, 171, 117

 124, 171, 131

■ 73, 171, 88

■ 141, 171, 146

■ 56, 171, 74

■ 158, 171, 160

■ 39, 171, 59

■ 175, 171, 175

■ 22, 171, 45

■ 192, 171, 189

■ 4, 171, 30

■ 210, 171, 204

■ 0, 171, 27

■ 227, 171, 218

■ 244, 171, 232

■ 255, 171, 247

Harmonies

Analogous

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



148, 164, 93



107, 171, 117



55, 175, 151

Triad

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



107, 171, 117



95, 161, 225



223, 131, 128

Complementary

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



107, 171, 117



171, 107, 161

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.



219, 130, 163



107, 171, 117



154, 149, 219

Square

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



107, 171, 117



0, 170, 213



196, 137, 196



209, 141, 100

Rectangle

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



107, 171, 117



0, 175, 175



196, 137, 196



224, 130, 139

Sweetspot

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



107, 171, 117



197, 222, 201



161, 171, 107



98, 112, 100



240, 240, 240



112, 112, 112

Same Dimension

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



107, 171, 117



122, 222, 138



107, 171, 149



78, 87, 79



0, 150, 24



0, 23, 4

Inverse Universe

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



171, 107, 161



222, 122, 206



171, 107, 129



87, 78, 85



150, 0, 127



23, 0, 19

Previews

White Background



This preview shows how the RGB color 107, 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 107, 171, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

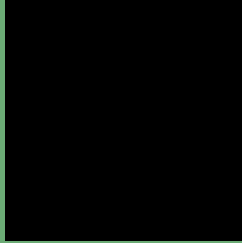
Any Text WCAG AA ✓ Pass

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 107, 171, 117 Background



This preview shows how black text looks on a background with the RGB color 107, 171, 117.

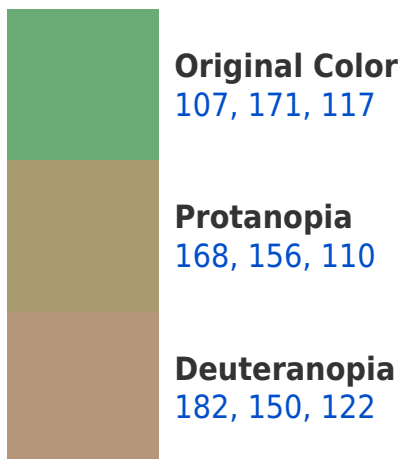



This preview shows how white text looks on a background with the RGB color 107, 171, 117.

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
119, 163, 177

Trichromacy



Original Color

107, 171, 117



Protanomaly

146, 161, 113



Deuteranomaly

155, 158, 120



Tritanomaly

115, 166, 155

Monochromacy



Original Color

107, 171, 117



Achromatopsia

146, 146, 146



Achromatomaly

132, 155, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 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(107, 171, 117)` looks like.

```
.text, #text, p{  
    color:rgb(107, 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(107, 171, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 171, 117) }
```

Border

The CSS property to change the border of an element to RGB 107, 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(107, 171, 117) }
```

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

```
.border{ border-color:rgb(107, 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(107, 171, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 171, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 171, 117);  
box-shadow:4px 4px 4px 4px rgb(107, 171,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 107, 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(107, 171, 117) }
```

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

```
.background{ background-color: rgb(107,  
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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