

Converting Colors

RGB(97, 199, 117)

Have a look what the booklet for
RGB(97, 199, 117) contains.

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Color

RGB(97, 199, 117)

Conversions

Conversions Part 1

Format	Color
Hex	61C775
RGB	97, 199, 117
RGB Percent	38%, 78%, 46%
CMY	0.6196, 0.2196, 0.5412
CMYK	0.51, 0.00, 0.41, 0.22
HSL	132°, 48%, 58%
HSV	132°, 51%, 78%
XYZ	28.5641, 44.6726, 23.9468
YIQ	159.1540, -34.4700, -47.1260

Conversions

Conversions Part 2

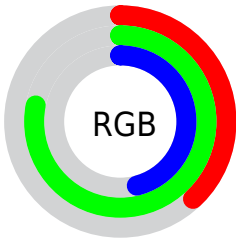
Format	Color
RYB	97, 182, 199
Decimal	6408053
CIELab	72.68, -47.31, 32.17
CIELCh	73, 57.210, 145.789
Yxy	44.6726, 0.2939, 0.4597
Android (android.graphics.Color)	4284598133 (0xFF61C775)
YUV	159.1540, -20.7819, -54.5091
Hunter-Lab	66.8376, -40.6810, 25.5436

Details

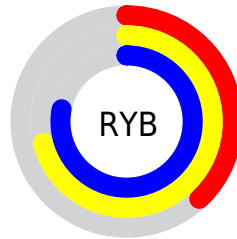
The RGB color **97, 199, 117** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **199, 97, 179**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **154, 255, 170**, and **35, 144, 67** is the 20% darker color. If you saturate the color by 10%, you get **77, 199, 101**, and if you desaturate by 10%, it is **117, 199, 133**.

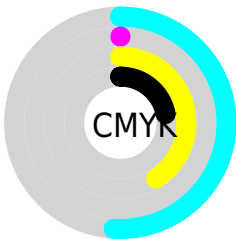
Distribution



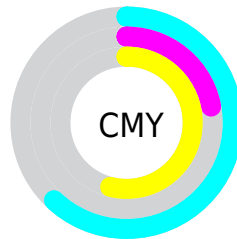
- Red (38%)
- Green (78%)
- Blue (46%)



- Red (38%)
- Yellow (71%)
- Blue (78%)



- Cyan (51%)
- Magenta (0%)
- Yellow (41%)
- Black (22%)



- Cyan (62%)
- Magenta (22%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 97, 199, 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 97, 199, 117 by changing the saturation by 10% instead.



97, 199, 117



97, 199, 117

255, 255, 255



68, 171, 92



154, 255, 170



35, 144, 67



183, 255, 198



0, 118, 43



212, 255, 226



0, 92, 19



241, 255, 255



0, 68, 0



0, 45, 0



0, 17, 0




0, 0, 0



97, 199, 117




97, 199, 117


 77, 199, 101


 117, 199, 133

 57, 199, 85


 137, 199, 149

 37, 199, 69

 157, 199, 165

 17, 199, 53

 177, 199, 181

 0, 199, 39

 197, 199, 197

 216, 199, 213

 236, 199, 229

 255, 199, 245

 255, 199, 255

Harmonies

Analogous

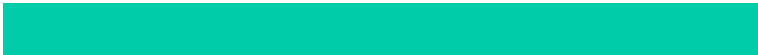
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163, 189, 79



97, 199, 117



0, 204, 169

Triad

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



97, 199, 117



35, 186, 255



255, 137, 136

Complementary

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



97, 199, 117



199, 97, 179

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.



255, 133, 188



97, 199, 117



169, 168, 255

Square

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



97, 199, 117



0, 198, 255



236, 147, 238



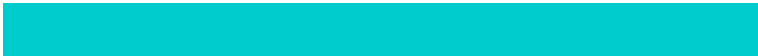
254, 153, 93

Rectangle

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



97, 199, 117



0, 204, 205



236, 147, 238



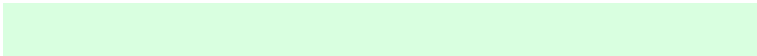
255, 134, 153

Sweetspot

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



97, 199, 117



217, 255, 224



180, 199, 97



105, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



97, 199, 117



97, 255, 128



97, 199, 167



90, 99, 91



0, 163, 32



0, 36, 7

Inverse Universe

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



199, 97, 179



255, 97, 224



199, 97, 129



99, 90, 98



163, 0, 131



36, 0, 29

Previews

White Background



This preview shows how the RGB color 97, 199, 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 97, 199, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

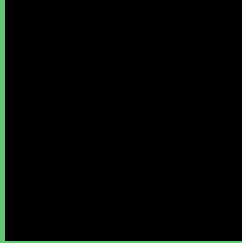
Any Text WCAG AA ✓ Pass

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 97, 199, 117 Background



This preview shows how black text looks on a background with the RGB color 97, 199, 117.

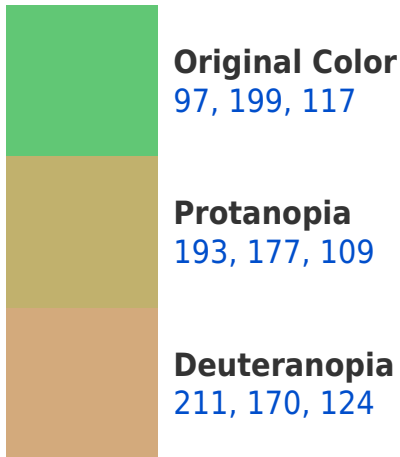


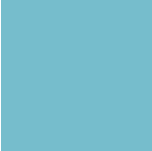
This preview shows how white text looks on a background with the RGB color 97, 199, 117.

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
118, 189, 204

Trichromacy



Original Color

97, 199, 117



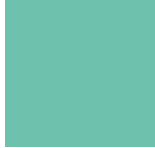
Protanomaly

158, 185, 112



Deuteranomaly

170, 181, 121



Tritanomaly

110, 193, 172

Monochromacy



Original Color

97, 199, 117



Achromatopsia

159, 159, 159



Achromatomaly

136, 174, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 97, 199, 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(97, 199, 117)` looks like.

```
.text, #text, p{  
    color:rgb(97, 199, 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(97, 199, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 199, 117) }
```

Border

The CSS property to change the border of an element to RGB 97, 199, 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(97, 199, 117) }
```

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

```
.border{ border-color:rgb(97, 199, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 199, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 199, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 199, 117);  
box-shadow:4px 4px 4px 4px rgb(97, 199,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 97, 199, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 199, 117) }
```

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

```
.background{ background-color: rgb(97, 199,  
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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