

Converting Colors

RGB(117, 195, 154)

Have a look what the booklet for
RGB(117, 195, 154) contains.

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Color

RGB(117, 195, 154)

Conversions

Conversions Part 1

Format	Color
Hex	75C39A
RGB	117, 195, 154
RGB Percent	46%, 76%, 60%
CMY	0.5412, 0.2353, 0.3961
CMYK	0.40, 0.00, 0.21, 0.24
HSL	148°, 39%, 61%
HSV	148°, 40%, 76%
XYZ	32.6840, 45.1452, 37.5631
YIQ	167.0040, -33.3270, -29.2870

Conversions

Conversions Part 2

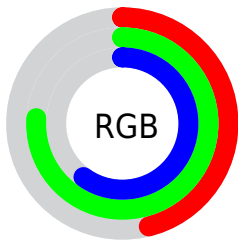
Format	Color
RYB	117, 170, 195
Decimal	7717786
CIELab	72.99, -33.27, 13.16
CIELCh	73, 35.777, 158.423
Yxy	45.1452, 0.2832, 0.3912
Android (android.graphics.Color)	4285907866 (0xFF75C39A)
YUV	167.0040, -6.4110, -43.8535
Hunter-Lab	67.1902, -30.7534, 13.8867

Details

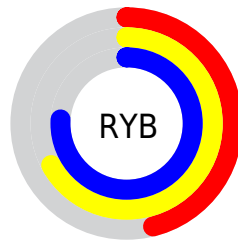
The RGB color **117, 195, 154** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **195, 117, 158**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **172, 252, 208**, and **63, 141, 103** is the 20% darker color. If you saturate the color by 10%, you get **98, 195, 144**, and if you desaturate by 10%, it is **136, 195, 164**.

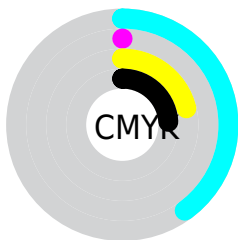
Distribution



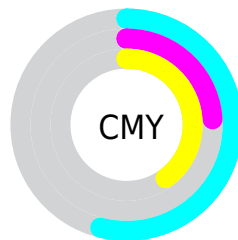
- Red (46%)
- Green (76%)
- Blue (60%)



- Red (46%)
- Yellow (67%)
- Blue (76%)



- Cyan (40%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (54%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 195, 154 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 117, 195, 154 by changing the saturation by 10% instead.


 117, 195, 154


255, 255, 255

 172, 252, 208

 200, 255, 237

 229, 255, 255

 117, 195, 154

 90, 168, 128


 63, 141, 103

 35, 115, 79

 0, 90, 56

 0, 66, 34


 0, 43, 13

 0, 18, 0


 0, 0, 0


 117, 195, 154


 117, 195, 154

 98, 195, 144


 136, 195, 164

 78, 195, 134


 156, 195, 175

 59, 195, 123


 176, 195, 185

 39, 195, 113


 195, 195, 195

 19, 195, 103

 215, 195, 205

 0, 195, 93

 234, 195, 216

 254, 195, 226

 255, 195, 236

 255, 195, 246

Harmonies

Analogous

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



156, 189, 127



117, 195, 154



77, 197, 188

Triad

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



117, 195, 154



148, 179, 244



240, 159, 140

Complementary

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



117, 195, 154



195, 117, 158

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.



243, 154, 171



117, 195, 154



195, 167, 231

Square

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



117, 195, 154



96, 189, 239



228, 157, 204



222, 169, 119

Rectangle

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



117, 195, 154



60, 196, 209



228, 157, 204



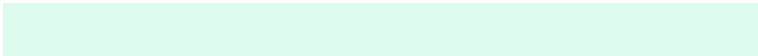
243, 156, 150

Sweetspot

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



117, 195, 154



222, 252, 237



159, 195, 117



110, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



117, 195, 154



131, 252, 189



117, 195, 192



87, 97, 92



0, 161, 76



0, 33, 16

Inverse Universe

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



195, 117, 158



252, 131, 195



195, 117, 120



97, 87, 92



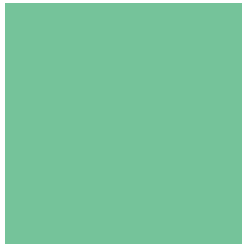
161, 0, 84



33, 0, 17

Previews

White Background



This preview shows how the RGB color 117, 195, 154 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 117, 195, 154 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 117, 195, 154 Background



This preview shows how black text looks on a background with the RGB color 117, 195, 154.

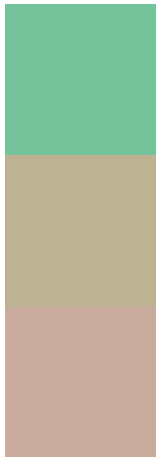


This preview shows how white text looks on a background with the RGB color 117, 195, 154.

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
117, 195, 154

Protanopia
189, 178, 146

Deuteranopia
202, 172, 159



Tritanopia
128, 188, 203

Trichromacy



Original Color

117, 195, 154



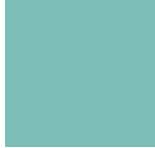
Protanomaly

163, 184, 149



Deuteranomaly

171, 180, 157



Tritanomaly

124, 191, 185

Monochromacy



Original Color

117, 195, 154



Achromatopsia

167, 167, 167



Achromatomaly

149, 177, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 195, 154 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(117, 195, 154)` looks like.

```
.text, #text, p{  
    color:rgb(117, 195, 154)  
}
```

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(117, 195, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 195, 154) }
```

Border

The CSS property to change the border of an element to RGB 117, 195, 154 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(117, 195, 154) }
```

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

```
.border{ border-color:rgb(117, 195, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 195, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 195, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 195, 154);  
box-shadow:4px 4px 4px 4px rgb(117, 195,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 117, 195, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 195, 154) }
```

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

```
.background{ background-color: rgb(117,  
195, 154) }
```

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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