Converting Colors

RGB(117, 191, 159)

Have a look what the booklet for RGB(117, 191, 159) contains.

Color

RGB(117, 191, 159)

Conversions

Conversions Part 1

Format	Color
Hex	75BF9F
RGB	117, 191, 159
RGB Percent	46%, 75%, 62%
CMY	0.5412, 0.2510, 0.3765
CMYK	0.39, 0.00, 0.17, 0.25
HSL	154°, 37%, 60%
HSV	154°, 39%, 75%
XYZ	32.2249, 43.5467, 39.5078
YIQ	165.2260, -33.8320, -25.6400

Conversions

Conversions Part 2

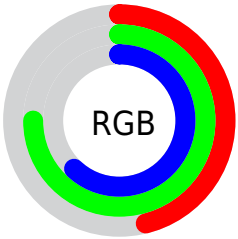
Format	Color
RYB	117, 164, 191
Decimal	7716767
CIELab	71.92, -30.34, 8.94
CIELCh	72, 31.627, 163.573
Yxy	43.5467, 0.2795, 0.3777
Android (android.graphics.Color)	4285906847 (0xFF75BF9F)
YUV	165.2260, -3.0694, -42.2942
Hunter-Lab	65.9899, -28.3153, 10.6964

Details

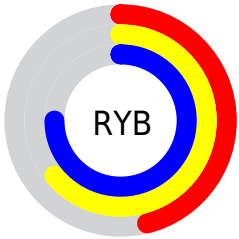
The RGB color 117, 191, 159 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 191, 117, 149, and the grayscale version is 165, 165, 165.

A 20% lighter version of the original color is 172, 248, 214, and 64, 137, 108 is the 20% darker color. If you saturate the color by 10%, you get 98, 191, 151, and if you desaturate by 10%, it is 136, 191, 167.

Distribution

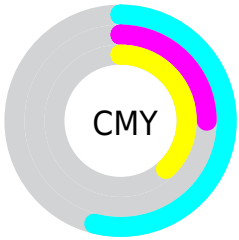


- Red (46%)
- Green (75%)
- Blue (62%)



- Red (46%)
- Yellow (64%)
- Blue (75%)

- Cyan (39%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 191, 159 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, 191, 159 by changing the saturation by 10% instead.

117, 191, 159	117, 191, 159
255, 255, 255	90, 164, 133
172, 248, 214	64, 137, 108
200, 255, 242	36, 111, 83
229, 255, 255	0, 87, 60
	0, 63, 38
	0, 40, 18
	0, 13, 0
	0, 0, 0

117, 191, 159	117, 191, 159

98, 191, 151

79, 191, 142

60, 191, 134

41, 191, 126

22, 191, 118

2, 191, 109

0, 191, 108

136, 191, 167

155, 191, 176

174, 191, 184

193, 191, 192

212, 191, 200

232, 191, 209

251, 191, 217

255, 191, 225

255, 191, 233

Harmonies

Analogous

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

151, 186, 134

117, 191, 159

88, 192, 189

Triad

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

117, 191, 159

158, 175, 232

229, 160, 138

Complementary

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

117, 191, 159

191, 117, 149

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.

234, 155, 164

117, 191, 159

197, 164, 218

Square

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

117, 191, 159

115, 184, 231

223, 157, 193

211, 169, 121

Rectangle

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

117, 191, 159

81, 191, 207

223, 157, 193

232, 158, 146

Sweetspot

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

117, 191, 159

218, 247, 235

149, 191, 117

107, 125, 117

252, 252, 252

125, 125, 125

Same Dimension

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

117, 191, 159

134, 247, 198

117, 186, 191

85, 94, 90

0, 158, 90

0, 31, 17

Inverse Universe

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

191, 117, 149

247, 134, 183

191, 122, 117

94, 85, 89

158, 0, 68

31, 0, 13

Previews

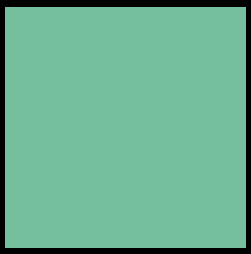
White Background

This preview shows how the RGB color 117, 191, 159 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



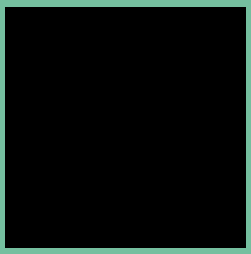
This preview shows how the RGB color 117, 191, 159 looks on a black background.

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, 191, 159 Background



This preview shows how black text looks on a background with the RGB color 117, 191, 159.

This preview shows how white text looks on a background with the RGB color 117, 191, 159.

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

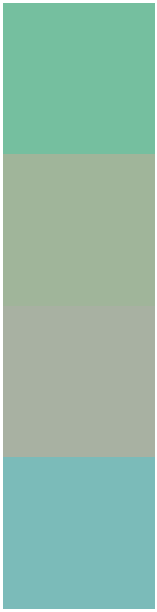
Original Color
117, 191, 159

Protanopia
184, 175, 151

Deuteranopia
197, 169, 164

Tritanopia
127, 185, 200

Trichromacy



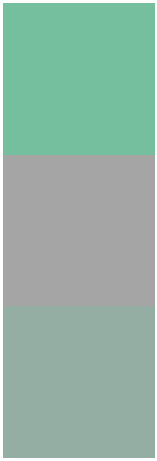
Original Color
117, 191, 159

Protanomaly
160, 181, 154

Deuteranomaly
168, 177, 162

Tritanomaly
123, 187, 185

Monochromacy



Original Color
117, 191, 159

Achromatopsia
165, 165, 165

Achromatomaly
148, 174, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 191, 159 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, 191, 159) looks like.

```
.text, #text, p{
    color:rgb(117, 191, 159)
}
```

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, 191, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 191, 159) }
```

Border

The CSS property to change the border of an element to RGB 117, 191, 159 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, 191, 159) }
```

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

```
.border{ border-color:rgb(117, 191, 159) }
```

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

Here you see how a box with a 4 pixel rgb(117, 191, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 191, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 191, 159); box-shadow:4px 4px 4px 4px rgb(117, 191, 159) }
```

Background

The CSS property to change the background color of an element to RGB 117, 191, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(117, 191, 159) }
```

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

```
.background{ background-color:rgb(117,
191, 159) }
```

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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