Converting Colors

RGB(121, 185, 159)

Have a look what the booklet for RGB(121, 185, 159) contains.

Color

RGB(121, 185, 159)

Conversions

Conversions Part 1

Format	Color
Hex	79B99F
RGB	121, 185, 159
RGB Percent	47%, 73%, 62%
CMY	0.5255, 0.2745, 0.3765
CMYK	0.35, 0.00, 0.14, 0.27
HSL	156°, 31%, 60%
HSV	156°, 35%, 73%
XYZ	31.4921, 41.2661, 39.1062
YIQ	162.9000, -29.7980, -21.6540

Conversions

Conversions Part 2

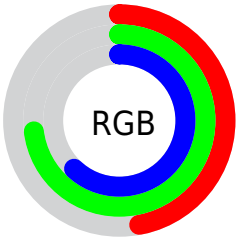
Format	Color
RYB	121, 161, 185
Decimal	7977375
CIELab	70.36, -26.26, 6.74
CIELCh	70, 27.114, 165.617
Yxy	41.2661, 0.2815, 0.3689
Android (android.graphics.Color)	4286167455 (0xFF79B99F)
YUV	162.9000, -1.9227, -36.7463
Hunter-Lab	64.2387, -24.9105, 8.8734

Details

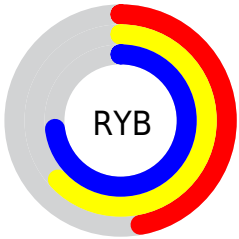
The RGB color 121, 185, 159 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 185, 121, 147, and the grayscale version is 163, 163, 163.

A 20% lighter version of the original color is 175, 241, 214, and 69, 132, 108 is the 20% darker color. If you saturate the color by 10%, you get 103, 185, 151, and if you desaturate by 10%, it is 139, 185, 167.

Distribution

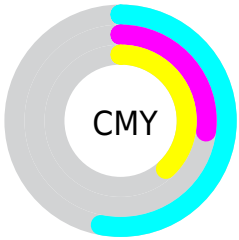


- Red (47%)
- Green (73%)
- Blue (62%)



- Red (47%)
- Yellow (63%)
- Blue (73%)

- Cyan (35%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)



- Cyan (53%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 121, 185, 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 121, 185, 159 by changing the saturation by 10% instead.

121, 185, 159

255, 255, 255

175, 241, 214

203, 255, 242

232, 255, 255

121, 185, 159

95, 158, 133

69, 132, 108

43, 106, 83

13, 82, 60

0, 58, 39

0, 36, 18

0, 2, 0

0, 0, 0

121, 185, 159

121, 185, 159

103, 185, 151

84, 185, 144

65, 185, 136

47, 185, 129

28, 185, 121

10, 185, 114

0, 185, 110

139, 185, 167

158, 185, 174

177, 185, 182

195, 185, 189

213, 185, 197

232, 185, 204

251, 185, 212

255, 185, 219

255, 185, 227

Harmonies

Analogous

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

149, 181, 137

121, 185, 159

101, 186, 184

Triad

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

121, 185, 159

160, 170, 219

217, 159, 138

Complementary

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

121, 185, 159

185, 121, 147

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.

222, 154, 160

121, 185, 159

192, 161, 207

Square

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

121, 185, 159

125, 178, 219

214, 155, 185

201, 166, 125

Rectangle

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

121, 185, 159

98, 185, 200

214, 155, 185

220, 157, 145

Sweetspot

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

121, 185, 159

216, 240, 230

148, 185, 121

105, 120, 114

247, 247, 247

120, 120, 120

Same Dimension

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

121, 185, 159

139, 240, 199

121, 180, 185

83, 92, 88

0, 156, 92

0, 28, 17

Inverse Universe

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

185, 121, 147

240, 139, 180

185, 126, 121

92, 83, 86

156, 0, 63

28, 0, 11

Previews

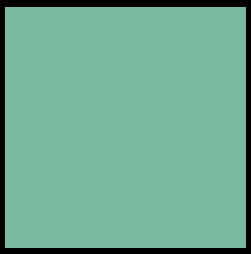
White Background

This preview shows how the RGB color 121, 185, 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



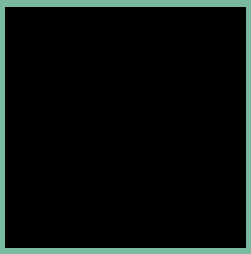
This preview shows how the RGB color 121, 185, 159 looks on a black background.

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 121, 185, 159 Background



This preview shows how black text looks on a background with the RGB color 121, 185, 159.

This preview shows how white text looks on a background with the RGB color 121, 185, 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

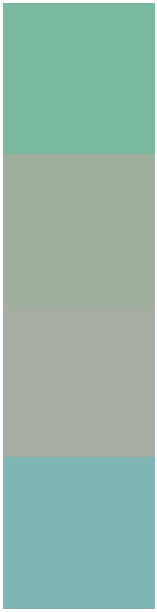
Original Color
121, 185, 159

Protanopia
179, 171, 152

Deuteranopia
191, 166, 163

Tritanopia
129, 180, 194

Trichromacy



Original Color
121, 185, 159

Protanomaly
158, 176, 155

Deuteranomaly
166, 173, 162

Tritanomaly
126, 182, 181

Monochromacy

Original Color
121, 185, 159

Achromatopsia
163, 163, 163

Achromatomaly
148, 171, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 121, 185, 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(121, 185, 159) looks like.

```
.text, #text, p{
    color:rgb(121, 185, 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(121, 185, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 185, 159) }
```

Border

The CSS property to change the border of an element to RGB 121, 185, 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(121, 185, 159) }
```

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

```
.border{ border-color:rgb(121, 185, 159) }
```

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

Here you see how a box with a 4 pixel rgb(121, 185, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 185, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 185, 159); box-shadow:4px 4px 4px 4px rgb(121, 185, 159) }
```

Background

The CSS property to change the background color of an element to RGB 121, 185, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(121, 185, 159) }
```

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

```
.background{ background-color:rgb(121,
185, 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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