Converting Colors

RGB(127, 190, 154)

Have a look what the booklet for RGB(127, 190, 154) contains.

Color

RGB(127, 190, 154)

Conversions

Conversions Part 1

Format	Color
Hex	7FBE9A
RGB	127, 190, 154
RGB Percent	50%, 75%, 60%
CMY	0.5020, 0.2549, 0.3961
CMYK	0.33, 0.00, 0.19, 0.25
HSL	146°, 33%, 62%
HSV	146°, 33%, 75%
XYZ	32.9986, 43.6720, 37.2622
YIQ	167.0590, -25.9920, -24.5520

Conversions

Conversions Part 2

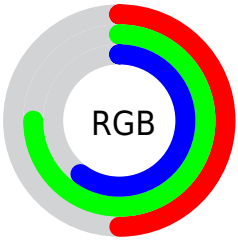
Format	Color
RYB	127, 171, 190
Decimal	8371866
CIELab	72.01, -27.93, 11.85
CIELCh	72, 30.339, 157.019
Yxy	43.6720, 0.2896, 0.3833
Android (android.graphics.Color)	4286561946 (0xFF7FBE9A)
YUV	167.0590, -6.4381, -35.1317
Hunter-Lab	66.0848, -26.5168, 12.8285

Details

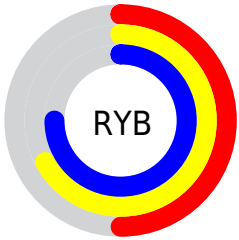
The RGB color 127, 190, 154 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 190, 127, 163, and the grayscale version is 167, 167, 167.

A 20% lighter version of the original color is 181, 247, 208, and 75, 136, 103 is the 20% darker color. If you saturate the color by 10%, you get 108, 190, 143, and if you desaturate by 10%, it is 146, 190, 165.

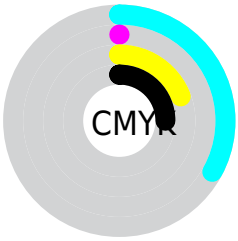
Distribution



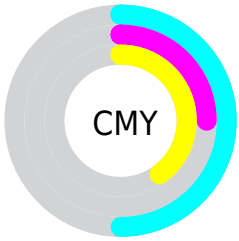
- Red (50%)
- Green (75%)
- Blue (60%)



- Red (50%)
- Yellow (67%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (19%)
- Black (25%)



- Cyan (50%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 190, 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 127, 190, 154 by changing the saturation by 10% instead.

127, 190, 154

255, 255, 255

181, 247, 208

210, 255, 237

238, 255, 255

127, 190, 154

101, 163, 128

75, 136, 103

49, 111, 79

22, 86, 56

0, 62, 34

0, 40, 13

0, 13, 0

0, 0, 0

127, 190, 154

127, 190, 154

108, 190, 143

89, 190, 132

70, 190, 121

51, 190, 111

32, 190, 100

13, 190, 89

0, 190, 81

146, 190, 165

165, 190, 176

184, 190, 187

203, 190, 197

222, 190, 208

241, 190, 219

255, 190, 230

255, 190, 241

255, 190, 252

Harmonies

Analogous

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

159, 185, 132

127, 190, 154

98, 192, 182

Triad

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

127, 190, 154

150, 177, 231

229, 159, 144

Complementary

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

127, 190, 154

190, 127, 163

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.

231, 156, 171

127, 190, 154

189, 167, 221

Square

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

127, 190, 154

111, 185, 227

217, 159, 199

214, 167, 126

Rectangle

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

127, 190, 154

88, 191, 201

217, 159, 199

232, 158, 153

Sweetspot

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

127, 190, 154

223, 247, 233

164, 190, 127

110, 125, 116

252, 252, 252

125, 125, 125

Same Dimension

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

127, 190, 154

148, 247, 191

127, 190, 185

85, 94, 89

0, 158, 68

0, 31, 13

Inverse Universe

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

190, 127, 163

247, 148, 205

190, 127, 132

94, 85, 90

158, 0, 90

31, 0, 17

Previews

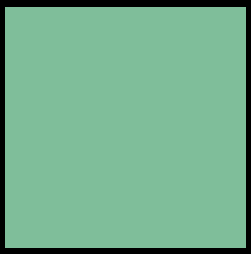
White Background

This preview shows how the RGB color 127, 190, 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



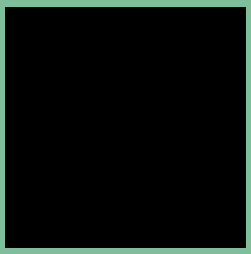
This preview shows how the RGB color 127, 190, 154 looks on a black background.

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 127, 190, 154 Background



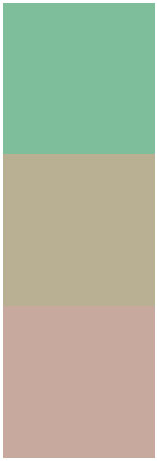
This preview shows how black text looks on a background with the RGB color 127, 190, 154.

This preview shows how white text looks on a background with the RGB color 127, 190, 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



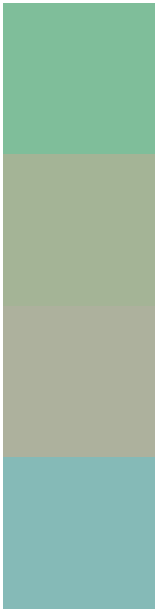
Original Color
127, 190, 154

Protanopia
185, 175, 147

Deuteranopia
199, 169, 158

Tritanopia
136, 184, 199

Trichromacy



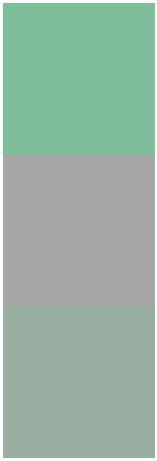
Original Color
127, 190, 154

Protanomaly
164, 180, 150

Deuteranomaly
173, 177, 157

Tritanomaly
133, 186, 183

Monochromacy



Original Color
127, 190, 154

Achromatopsia
167, 167, 167

Achromatomaly
152, 175, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 190, 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(127, 190, 154) looks like.

```
.text, #text, p{
    color:rgb(127, 190, 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(127, 190, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 190, 154) }
```

Border

The CSS property to change the border of an element to RGB 127, 190, 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(127, 190, 154) }
```

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

```
.border{ border-color:rgb(127, 190, 154) }
```

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

Here you see how a box with a 4 pixel rgb(127, 190, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 190, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 190, 154); box-shadow:4px 4px 4px 4px rgb(127, 190, 154) }
```

Background

The CSS property to change the background color of an element to RGB 127, 190, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(127, 190, 154) }
```

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

```
.background{ background-color:rgb(127,
190, 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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