Converting Colors

RGB(159, 190, 167)

Have a look what the booklet for RGB(159, 190, 167) contains.

Color

RGB(159, 190, 167)

Conversions

Conversions Part 1

Format	Color
Hex	9FBEA7
RGB	159, 190, 167
RGB Percent	62%, 75%, 65%
CMY	0.3765, 0.2549, 0.3451
CMYK	0.16, 0.00, 0.12, 0.25
HSL	135°, 19%, 68%
HSV	135°, 16%, 75%
XYZ	39.6866, 46.9879, 43.5371
YIQ	178.1090, -11.0930, -13.7250

Conversions

Conversions Part 2

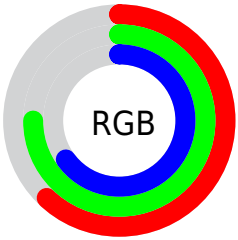
Format	Color
RYB	159, 184, 190
Decimal	10469031
CIELab	74.18, -15.00, 8.14
CIELCh	74, 17.070, 151.507
Yxy	46.9879, 0.3048, 0.3609
Android (android.graphics.Color)	4288659111 (0xFF9FBEA7)
YUV	178.1090, -5.4767, -16.7586
Hunter-Lab	68.5477, -16.6136, 10.3262

Details

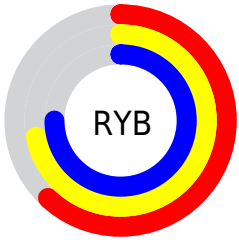
The RGB color 159, 190, 167 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 190, 159, 182, and the grayscale version is 178, 178, 178.

A 20% lighter version of the original color is 214, 246, 222, and 107, 137, 115 is the 20% darker color. If you saturate the color by 10%, you get 140, 190, 153, and if you desaturate by 10%, it is 178, 190, 181.

Distribution

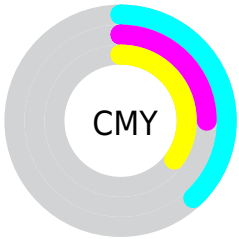


- Red (62%)
- Green (75%)
- Blue (65%)



- Red (62%)
- Yellow (72%)
- Blue (75%)

- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)



- Cyan (38%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 190, 167 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 159, 190, 167 by changing the saturation by 10% instead.

159, 190, 167

255, 255, 255

214, 246, 222

242, 255, 251

159, 190, 167

133, 163, 141

107, 137, 115

83, 111, 91

59, 87, 67

37, 63, 45

15, 41, 24

0, 22, 0

0, 0, 0

159, 190, 167

159, 190, 167

140, 190, 153

121, 190, 139

102, 190, 125

83, 190, 111

64, 190, 97

45, 190, 82

26, 190, 68

7, 190, 54

0, 190, 49

178, 190, 181

197, 190, 195

216, 190, 209

235, 190, 223

254, 190, 237

255, 190, 252

255, 190, 255

Harmonies

Analogous

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

177, 186, 155

159, 190, 167

146, 192, 183

Triad

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

159, 190, 167

166, 183, 213

215, 173, 167

Complementary

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

159, 190, 167

190, 159, 182

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.

214, 172, 182

159, 190, 167

186, 178, 209

Square

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

159, 190, 167

149, 188, 209

204, 174, 198

208, 176, 155

Rectangle

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

159, 190, 167

141, 191, 193

204, 174, 198

216, 172, 172

Sweetspot

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

159, 190, 167

235, 247, 238

182, 190, 159

117, 125, 119

252, 252, 252

125, 125, 125

Same Dimension

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

159, 190, 167

198, 247, 211

159, 190, 182

85, 94, 87

0, 158, 41

0, 31, 8

Inverse Universe

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

190, 159, 182

247, 198, 235

190, 159, 167

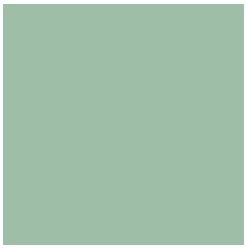
94, 85, 92

158, 0, 117

31, 0, 23

Previews

White Background

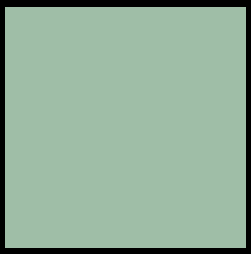


This preview shows how the RGB color 159, 190, 167 looks on a white background.

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



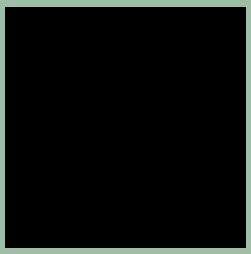
This preview shows how the RGB color 159, 190, 167 looks on a black background.

Color Contrast Check

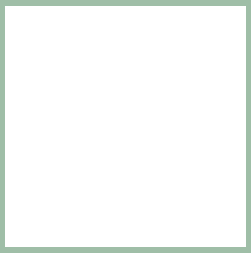
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 159, 190, 167 Background



This preview shows how black text looks on a background with the RGB color 159, 190, 167.



This preview shows how white text looks on a background with the RGB color 159, 190, 167.

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

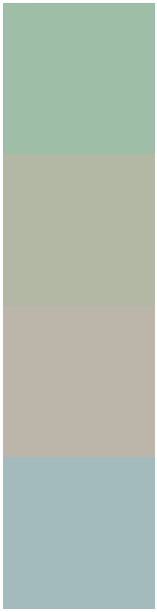
Original Color
159, 190, 167

Protanopia
190, 181, 163

Deuteranopia
204, 176, 170

Tritanopia
165, 185, 200

Trichromacy



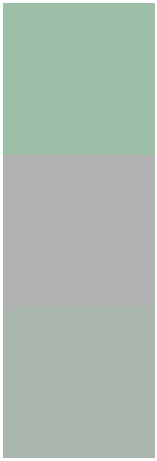
Original Color
159, 190, 167

Protanomaly
179, 184, 164

Deuteranomaly
188, 181, 169

Tritanomaly
163, 187, 188

Monochromacy



Original Color
159, 190, 167

Achromatopsia
178, 178, 178

Achromatomaly
171, 182, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 190, 167 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(159, 190, 167) looks like.

```
.text, #text, p{
    color:rgb(159, 190, 167)
}
```

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(159, 190, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 190, 167) }
```

Border

The CSS property to change the border of an element to RGB 159, 190, 167 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(159, 190, 167) }
```

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

```
.border{ border-color:rgb(159, 190, 167) }
```

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

Here you see how a box with a 4 pixel rgb(159, 190, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 190, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 190, 167); box-shadow:4px 4px 4px 4px rgb(159, 190, 167) }
```

Background

The CSS property to change the background color of an element to RGB 159, 190, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(159, 190, 167) }
```

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

```
.background{ background-color:rgb(159,
190, 167) }
```

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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