Converting Colors

RYB(158, 187, 191)

Have a look what the booklet for RYB(158, 187, 191) contains.

Color

RYB(158, 187, 191)

Conversions

Conversions Part 1

Format	Color
Hex	9EBFA3
RGB	158, 191, 163
RGB Percent	62%, 75%, 64%
CMY	0.3804, 0.2510, 0.3625
CMYK	0.17, 0.00, 0.15, 0.25
HSL	128°, 20%, 68%
HSV	128°, 17%, 75%
XYZ	39.3021, 47.1590, 41.4713
YIQ	177.9410, -10.6800, -15.7040

Conversions

Conversions Part 2

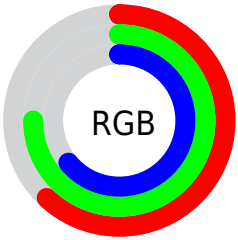
Format	Color
RYB	158, 187, 191
Decimal	10403747
CIELab	74.29, -16.68, 10.70
CIELCh	74, 19.821, 147.327
Yxy	47.1590, 0.3072, 0.3686
Android (android.graphics.Color)	4288593827 (0xFF9EBFA3)
YUV	177.9410, -7.3659, -17.4883
Hunter-Lab	68.6724, -18.0189, 12.2655

Details

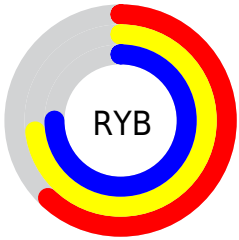
The RYB color 158, 187, 191 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 191, 158, 186, and the grayscale version is 178, 178, 178.

A 20% lighter version of the original color is 213, 243, 247, and 106, 133, 137 is the 20% darker color. If you saturate the color by 10%, you get 139, 185, 191, and if you desaturate by 10%, it is 177, 189, 191.

Distribution

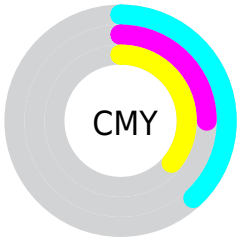


- Red (62%)
- Green (75%)
- Blue (64%)



- Red (62%)
- Yellow (73%)
- Blue (75%)

- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)



- Cyan (38%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 187, 191 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 RYB color 158, 187, 191 by changing the saturation by 10% instead.

158, 187, 191

255, 255, 255

213, 243, 247

241, 251, 255

158, 187, 191

132, 160, 164

106, 133, 137

82, 108, 112

58, 83, 87

35, 59, 64

13, 36, 42

0, 23, 23

0, 0, 0

158, 187, 191

158, 187, 191

139, 185, 191

120, 182, 191

101, 180, 191

82, 178, 191

63, 176, 191

43, 173, 191

24, 171, 191

5, 168, 191

0, 168, 191

177, 189, 191

196, 191, 195

215, 191, 212

234, 191, 228

254, 191, 245

255, 191, 255

Harmonies

Analogous

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

150, 187, 158

158, 187, 191

141, 171, 193

Triad

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

158, 187, 191

160, 178, 219

221, 171, 167

Complementary

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

158, 187, 191

191, 158, 186

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.

218, 170, 185

158, 187, 191

184, 179, 215

Square

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

158, 187, 191

140, 170, 213

205, 173, 203

213, 188, 153

Rectangle

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

158, 187, 191

134, 164, 193

205, 173, 203

221, 170, 173

Sweetspot

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

158, 187, 191

235, 245, 247

158, 191, 162

117, 124, 125

252, 252, 252

125, 125, 125

Same Dimension

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

158, 187, 191

195, 240, 247

158, 178, 191

85, 93, 94

0, 139, 158

0, 27, 31

Inverse Universe

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

191, 158, 186

247, 195, 240

191, 158, 170

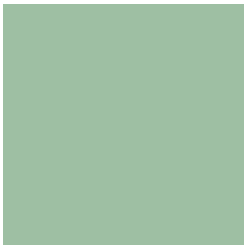
94, 85, 93

158, 0, 136

31, 0, 26

Previews

White Background

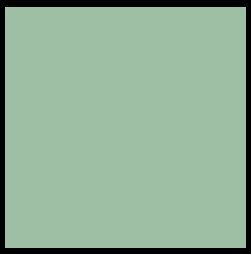


This preview shows how the RYB color 158, 187, 191 looks on a white background.

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



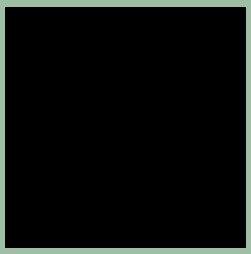
This preview shows how the RYB color 158, 187, 191 looks on a black background.

Color Contrast Check

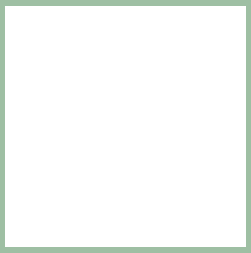
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 158, 187, 191 Background



This preview shows how black text looks on a background with the RYB color 158, 187, 191.



This preview shows how white text looks on a background with the RYB color 158, 187, 191.

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

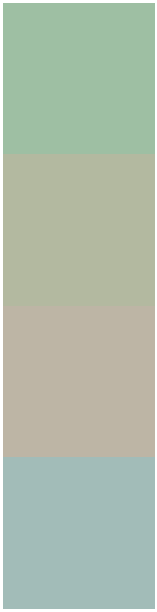
Original Color
158, 187, 191

Protanopia
170, 191, 158

Deuteranopia
206, 179, 166

Tritanopia
164, 178, 200

Trichromacy



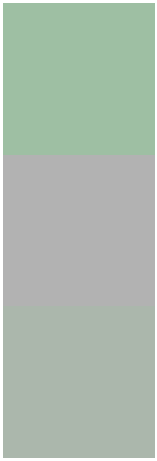
Original Color
158, 187, 191

Protanomaly
160, 185, 166

Deuteranomaly
177, 189, 165

Tritanomaly
162, 176, 188

Monochromacy



Original Color
158, 187, 191

Achromatopsia
178, 178, 178

Achromatomaly
171, 182, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 187, 191 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(158, 191, 163) looks like.

```
.text, #text, p{
    color:rgb(158, 191, 163)
}
```

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(158, 191, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 191, 163) }
```

Border

The CSS property to change the border of an element to RYB 158, 187, 191 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(158, 191, 163) }
```

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

```
.border{ border-color:rgb(158, 191, 163) }
```

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

Here you see how a box with a 4 pixel rgb(158, 191, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 191, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 191, 163); box-shadow:4px 4px 4px 4px rgb(158, 191, 163) }
```

Background

The CSS property to change the background color of an element to RYB 158, 187, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(158, 191, 163) }
```

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

```
.background{ background-color:rgb(158,
191, 163) }
```

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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