Converting Colors

RYB(158, 163, 177)

Have a look what the booklet for RYB(158, 163, 177) contains.

Color

RYB(158, 163, 177)

Conversions

Format	Color
Hex	9EA5B1
RGB	158, 165, 177
RGB Percent	62%, 65%, 69%
CMY	0.3804, 0.3538, 0.3059
CMYK	0.11, 0.07, 0.00, 0.31
HSL	219°, 11%, 66%
HSV	219°, 11%, 69%
XYZ	35.4529, 37.2765, 46.9215
YIQ	164.2750, -8.0240, 2.2480

Conversions Part 1

Conversions

Conversions Part 2

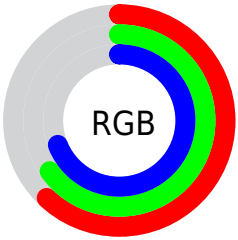
Format	Color
RYB	158, 163, 177
Decimal	10397105
CIELab	67.48, 0.08, -7.13
CIELCh	67, 7.129, 270.618
Yxy	37.2765, 0.2963, 0.3115
Android (android.graphics.Color)	4288587185 (0xFF9EA5B1)
YUV	164.2750, 6.2734, -5.5032
Hunter-Lab	61.0544, -3.1945, -2.8274

Details

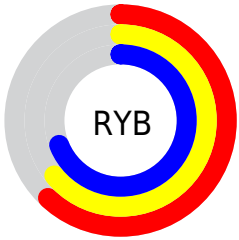
The RYB color 158, 163, 177 is a light color, and the websafe version is hex 999999. A complement of this color would be 169, 177, 158, and the grayscale version is 164, 164, 164.

A 20% lighter version of the original color is 213, 218, 233, and 107, 111, 124 is the 20% darker color. If you saturate the color by 10%, you get 140, 150, 177, and if you desaturate by 10%, it is 176, 176, 177.

Distribution

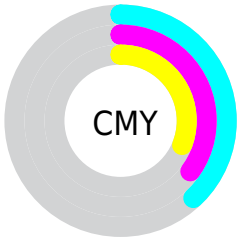


- Red (62%)
- Green (65%)
- Blue (69%)



- Red (62%)
- Yellow (64%)
- Blue (69%)

- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 163, 177 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, 163, 177 by changing the saturation by 10% instead.

158, 163, 177

255, 255, 255

213, 218, 233

241, 246, 255

158, 163, 177

132, 137, 150

107, 111, 124

82, 87, 100

59, 63, 76

37, 41, 53

17, 21, 32

0, 0, 7

0, 0, 0

158, 163, 177

158, 163, 177

140, 150, 177	176, 176, 177
123, 137, 177	184, 193, 177
105, 124, 177	196, 211, 177
87, 111, 177	207, 229, 177
70, 98, 177	216, 247, 177
52, 85, 177	208, 255, 177
34, 72, 177	190, 255, 177
16, 59, 177	177, 255, 177
0, 46, 177	

Harmonies

Analogous

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

152, 161, 175

158, 163, 177

166, 163, 175

Triad

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

158, 163, 177

178, 160, 158

155, 166, 168

Complementary

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

158, 163, 177

169, 177, 158

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.

153, 166, 157

158, 163, 177

176, 168, 153

Square

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

158, 163, 177

178, 160, 164

161, 170, 152

150, 160, 168

Rectangle

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

158, 163, 177

171, 161, 173

161, 170, 152

156, 167, 166

Sweetspot

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

158, 163, 177

223, 225, 230

158, 170, 177

110, 111, 115

242, 242, 242

115, 115, 115

Same Dimension

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

158, 163, 177

200, 208, 230

161, 158, 177

80, 83, 89

0, 40, 153

0, 7, 26

Inverse Universe

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

177, 158, 165

230, 200, 210

158, 177, 161

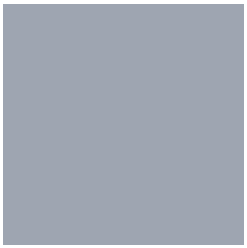
89, 80, 84

153, 0, 55

26, 0, 9

Previews

White Background

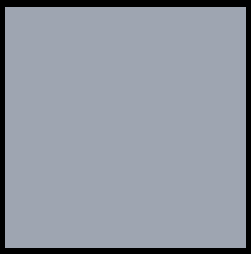


This preview shows how the RYB color 158, 163, 177 looks on a white background.

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



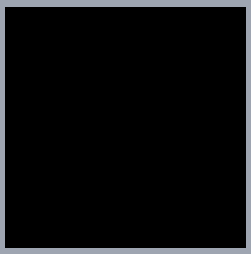
This preview shows how the RYB color 158, 163, 177 looks on a black background.

Color Contrast Check

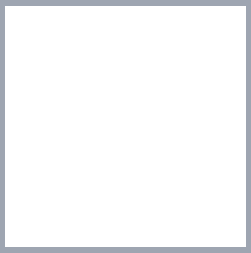
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 158, 163, 177 Background



This preview shows how black text looks on a background with the RYB color 158, 163, 177.

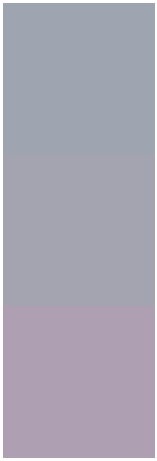


This preview shows how white text looks on a background with the RYB color 158, 163, 177.

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, 163, 177

Protanopia
164, 163, 176

Deuteranopia
174, 160, 178

Tritanopia
158, 163, 178

Trichromacy

Original Color
158, 163, 177

Protanomaly
162, 164, 176

Deuteranomaly
168, 162, 178

Tritanomaly
158, 163, 178

Monochromacy

Original Color
158, 163, 177

Achromatopsia
164, 164, 164

Achromatomaly
162, 164, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 163, 177 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, 165, 177) looks like.

```
.text, #text, p{
    color:rgb(158, 165, 177)
}
```

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, 165, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 165, 177) }
```

Border

The CSS property to change the border of an element to RYB 158, 163, 177 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, 165, 177) }
```

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

```
.border{ border-color:rgb(158, 165, 177) }
```

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

Here you see how a box with a 4 pixel rgb(158, 165, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 165, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 165, 177); box-shadow:4px 4px 4px 4px rgb(158, 165, 177) }
```

Background

The CSS property to change the background color of an element to RYB 158, 163, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(158, 165, 177) }
```

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

```
.background{ background-color:rgb(158,
165, 177) }
```

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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