

Converting Colors

`RYB(168, 175, 193)`

Have a look what the booklet for
RYB(168, 175, 193) contains.

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Color

R_YB(168, 175, 193)

Conversions

Conversions Part 1

Format	Color
Hex	A8B2C1
RGB	168, 178, 193
RGB Percent	66%, 70%, 76%
CMY	0.3412, 0.3031, 0.2431
CMYK	0.13, 0.08, 0.00, 0.24
HSL	217°, 17%, 71%
HSV	217°, 13%, 76%
XYZ	41.6393, 43.9054, 56.7320
YIQ	176.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

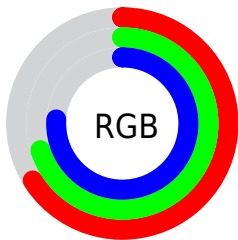
Format	Color
RYB	168, 175, 193
Decimal	11055809
CIELab	72.17, -0.28, -8.93
CIELCh	72, 8.931, 268.216
Yxy	43.9054, 0.2927, 0.3086
Android (android.graphics.Color)	4289245889 (0xFFA8B2C1)
YUV	176.7200, 8.0260, -7.6474
Hunter-Lab	66.2612, -3.7857, -4.3806

Details

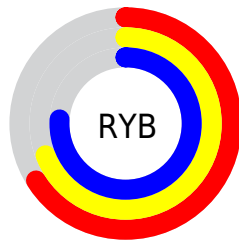
The RYB color **168, 175, 193** is a light color, and the websafe version is hex **999999**. A complement of this color would be **185, 193, 168**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **223, 231, 249**, and **116, 123, 140** is the 20% darker color. If you saturate the color by 10%, you get **149, 161, 193**, and if you desaturate by 10%, it is **187, 189, 193**.

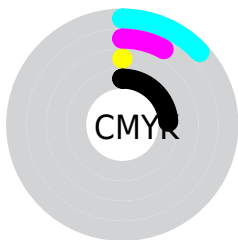
Distribution



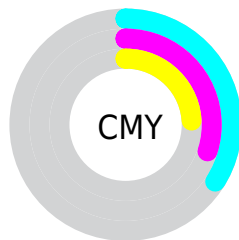
- Red (66%)
- Green (70%)
- Blue (76%)



- Red (66%)
- Yellow (69%)
- Blue (76%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (34%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 175, 193 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 168, 175, 193 by changing the saturation by 10% instead.

■ 168, 175, 193

255, 255, 255

■ 223, 230, 249

■ 252, 254, 255

■ 168, 175, 193

■ 141, 148, 166

■ 116, 122, 139

■ 91, 97, 114

■ 67, 73, 90

■ 45, 51, 66

■ 24, 30, 44

■ 0, 7, 24

■ 0, 0, 0

■ 168, 175, 193

■ 168, 175, 193

■ 149, 161, 193

■ 187, 189, 193

■ 129, 147, 193

■ 204, 207, 193

■ 110, 133, 193

■ 214, 226, 193

■ 91, 120, 193

■ 226, 245, 193

■ 72, 106, 193

■ 218, 255, 193

■ 52, 92, 193

■ 201, 255, 193

■ 33, 78, 193

■ 193, 255, 193

■ 14, 64, 193

■ 0, 54, 193

Harmonies

Analogous

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



160, 172, 190



168, 175, 193



178, 175, 191

Triad

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



168, 175, 193



195, 172, 170



166, 179, 181

Complementary

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



168, 175, 193



185, 193, 168

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.



162, 179, 166



168, 175, 193



191, 181, 163

Square

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



168, 175, 193



193, 172, 178



173, 184, 161



159, 172, 182

Rectangle

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



168, 175, 193



185, 173, 188



173, 184, 161



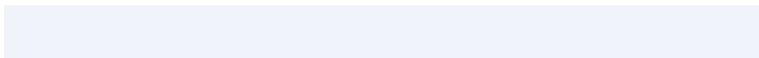
166, 180, 177

Sweetspot

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



168, 175, 193



240, 243, 250



168, 184, 193



119, 121, 125



252, 252, 252



125, 125, 125

Same Dimension

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



168, 175, 193



210, 221, 250



171, 168, 193



87, 90, 97



0, 45, 161



0, 9, 33

Inverse Universe

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



193, 168, 178



250, 210, 225



168, 193, 170



97, 87, 91



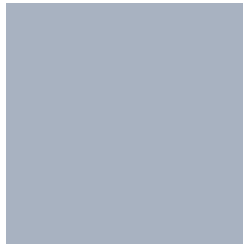
161, 0, 62



33, 0, 13

Previews

White Background



This preview shows how the RYB color 168, 175, 193 looks on a white background.

Color Contrast Check

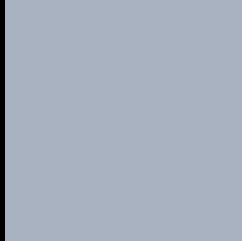
Large Text (above 18pt) WCAG AA × Fail

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 168, 175, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

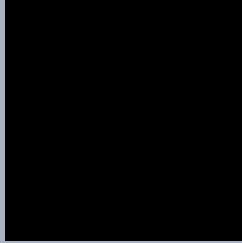
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

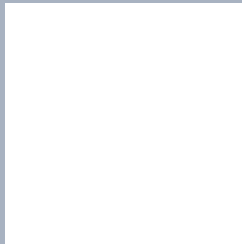
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 168, 175, 193 Background



This preview shows how black text looks on a background with the RYB color 168, 175, 193.



This preview shows how white text looks on a background with the RYB color 168, 175, 193.

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
168, 175, 193

Protanopia
176, 176, 192

Deuteranopia
186, 172, 194



Tritanopia
168, 175, 192

Trichromacy



Original Color
168, 175, 193

Protanomaly
173, 176, 192

Deuteranomaly
179, 174, 194

Tritanomaly
168, 175, 192

Monochromacy



Original Color
168, 175, 193

Achromatopsia
177, 177, 177

Achromatomaly
174, 176, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 175, 193 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(168, 178, 193) looks like.

```
.text, #text, p{  
    color:rgb(168, 178, 193)  
}
```

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(168, 178, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 178, 193) }
```

Border

The CSS property to change the border of an element to RYB 168, 175, 193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

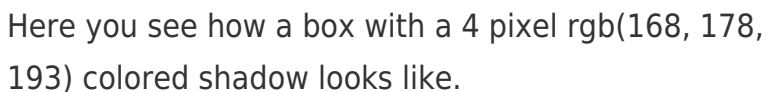
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 178, 193) }
```

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

```
.border{ border-color:rgb(168, 178, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 178, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 178, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 178, 193);  
box-shadow:4px 4px 4px 4px rgb(168, 178,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 168, 175, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 178, 193) }
```

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

```
.background{ background-color: rgb(168,  
178, 193) }
```

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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