

Converting Colors

`RYB(171, 178, 193)`

Have a look what the booklet for
RYB(171, 178, 193) contains.

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Color

R_YB(171, 178, 193)

Conversions

Conversions Part 1

Format	Color
Hex	ABB5C1
RGB	171, 181, 193
RGB Percent	67%, 71%, 76%
CMY	0.3294, 0.2892, 0.2431
CMYK	0.11, 0.06, 0.00, 0.24
HSL	212°, 15%, 71%
HSV	212°, 11%, 76%
XYZ	42.9984, 45.6645, 56.9999
YIQ	179.3780, -9.8120, 1.6120

Conversions

Conversions Part 2

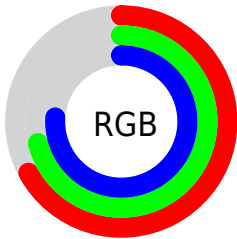
Format	Color
R_{YB}	171, 178, 193
Decimal	11253185
CIE Lab	73.33, -1.20, -7.18
CIE LCh	73, 7.276, 260.512
Yxy	45.6645, 0.2952, 0.3135
Android (android.graphics.Color)	4289443265 (0xFFABB5C1)
YUV	179.3780, 6.7156, -7.3475
Hunter-Lab	67.5755, -4.6774, -2.7083

Details

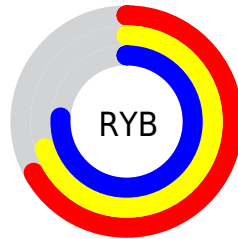
The RYB color **171, 178, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 193, 171**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **226, 233, 249**, and **119, 125, 140** is the 20% darker color. If you saturate the color by 10%, you get **152, 165, 193**, and if you desaturate by 10%, it is **190, 191, 193**.

Distribution



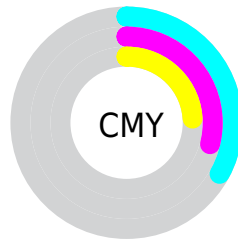
- Red (67%)
- Green (71%)
- Blue (76%)



- Red (67%)
- Yellow (70%)
- Blue (76%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (33%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 178, 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 171, 178, 193 by changing the saturation by 10% instead.

■ 171, 178, 193

255, 255, 255

■ 226, 233, 249

■ 171, 178, 193

■ 144, 151, 166

■ 119, 125, 140

■ 94, 100, 114

■ 70, 76, 90

■ 47, 54, 66

■ 26, 32, 44

■ 1, 9, 24

■ 0, 0, 0

■ 171, 178, 193

■ 171, 178, 193

■ 152, 165, 193

■ 190, 191, 193

■ 132, 152, 193

■ 208, 210, 193

■ 113, 138, 193

■ 225, 229, 193

■ 94, 125, 193

■ 242, 248, 193

■ 74, 112, 193

■ 227, 255, 193

■ 55, 99, 193

■ 208, 255, 193

■ 36, 86, 193

■ 195, 255, 193

■ 17, 73, 193

■ 193, 255, 193

■ 0, 61, 193

Harmonies

Analogous

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



165, 175, 190



171, 178, 193



179, 179, 192

Triad

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



171, 178, 193



195, 176, 176



171, 183, 181

Complementary

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



171, 178, 193



189, 193, 171

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.



168, 181, 168



171, 178, 193



193, 180, 170

Square

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



171, 178, 193



193, 176, 182



183, 188, 167



167, 177, 184

Rectangle

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



171, 178, 193



184, 178, 190



183, 188, 167



170, 182, 177

Sweetspot

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



171, 178, 193



242, 245, 250



171, 185, 193



120, 121, 125



252, 252, 252



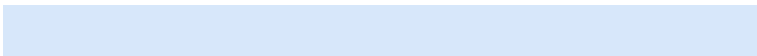
125, 125, 125

Same Dimension

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



171, 178, 193



215, 226, 250



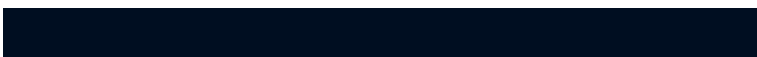
172, 171, 193



87, 90, 97



0, 51, 161



0, 10, 33

Inverse Universe

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



193, 171, 181



250, 215, 231



171, 193, 172



97, 87, 92



161, 0, 75



33, 0, 15

Previews

White Background



This preview shows how the RYB color 171, 178, 193 looks on a white background.

Color Contrast Check

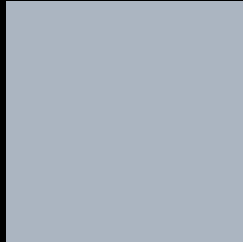
Large Text (above 18pt) WCAG AA × Fail

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 171, 178, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

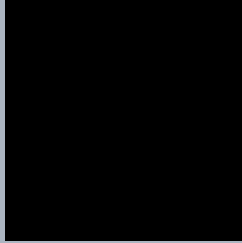
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

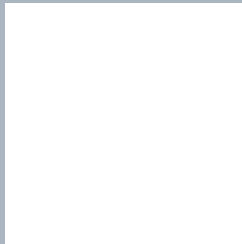
Any Text WCAG AAA ✓ Pass

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

R Y B 171, 178, 193 Background



This preview shows how black text looks on a background with the RYB color 171, 178, 193.

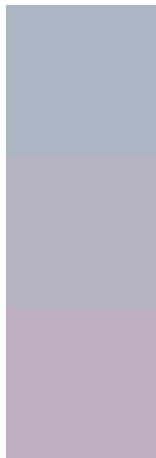


This preview shows how white text looks on a background with the RYB color 171, 178, 193.

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](#).

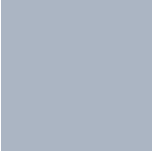
Dichromacy



Original Color
171, 178, 193

Protanopia
180, 179, 191

Deuteranopia
191, 175, 194



Tritanopia
171, 178, 195

Trichromacy



Original Color

171, 178, 193

Protanomaly

177, 180, 192

Deuteranomaly

184, 177, 194

Tritanomaly

171, 178, 194

Monochromacy



Original Color

171, 178, 193

Achromatopsia

180, 180, 180

Achromatomaly

177, 179, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 178, 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(171, 181, 193)` looks like.

```
.text, #text, p{  
    color:rgb(171, 181, 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(171, 181, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 181, 193) }
```

Border

The CSS property to change the border of an element to RYB 171, 178, 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(171, 181, 193) }
```

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

```
.border{ border-color:rgb(171, 181, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 181, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 181, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 181, 193);  
box-shadow:4px 4px 4px 4px rgb(171, 181,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 171, 178, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 181, 193) }
```

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

```
.background{ background-color: rgb(171,  
181, 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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