

Converting Colors

`RYB(181, 178, 179)`

Have a look what the booklet for
RYB(181, 178, 179) contains.

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Color

R_YB(181, 178, 179)

Conversions

Conversions Part 1

Format	Color
Hex	B5B2B3
RGB	181, 178, 179
RGB Percent	71%, 70%, 70%
CMY	0.2902, 0.3020, 0.2980
CMYK	0.00, 0.02, 0.01, 0.29
HSL	340°, 2%, 70%
HSV	340°, 2%, 71%
XYZ	43.1131, 44.9192, 49.0458
YIQ	179.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

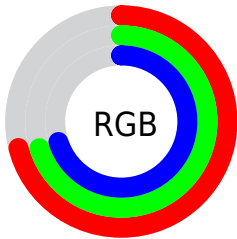
Format	Color
RYB	181, 178, 179
Decimal	11907763
CIELab	72.84, 1.25, -0.14
CIElCh	73, 1.256, 353.496
Yxy	44.9192, 0.3145, 0.3277
Android (android.graphics.Color)	4290097843 (0xFFB5B2B3)
YUV	179.0110, -0.0054, 1.7444
Hunter-Lab	67.0218, -2.4644, 3.5275

Details

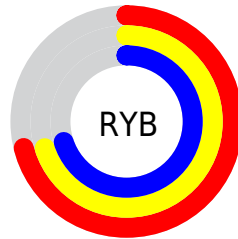
The RYB color **181, 178, 179** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **178, 180, 181**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **237, 234, 235**, and **128, 125, 126** is the 20% darker color. If you saturate the color by 10%, you get **181, 160, 167**, and if you desaturate by 10%, it is **181, 190, 196**.

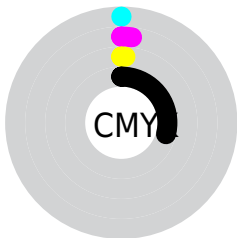
Distribution



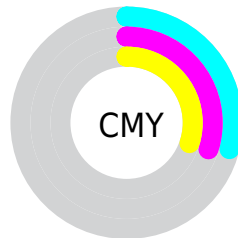
- Red (71%)
- Green (70%)
- Blue (70%)



- Red (71%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 178, 179 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 181, 178, 179 by changing the saturation by 10% instead.

■ 181, 178, 179

255, 255, 255

■ 237, 234, 235

■ 181, 178, 179

■ 154, 151, 152

■ 128, 125, 126

■ 103, 100, 101

■ 79, 77, 77

■ 56, 54, 55


■ 35, 33, 33


■ 13, 9, 11


■ 0, 0, 0

■ 181, 178, 179


■ 181, 178, 179


 181, 160, 167


 181, 190, 196

 181, 142, 155


 181, 201, 214

 181, 124, 143


 181, 212, 232


 181, 106, 131


 181, 222, 250


 181, 87, 119


 181, 222, 255

 181, 69, 107

 181, 219, 255

 181, 51, 95

 181, 218, 255

 181, 33, 82

 181, 15, 70

Harmonies

Analogous

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



180, 178, 180



181, 178, 179



181, 178, 178

Triad

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



181, 178, 179



177, 179, 177



176, 178, 181

Complementary

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



181, 178, 179



178, 180, 181

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.



176, 178, 180



181, 178, 179



177, 179, 179

Square

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



181, 178, 179



177, 180, 176



176, 178, 179



177, 178, 181

Rectangle

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



181, 178, 179



181, 178, 177



176, 178, 179



176, 178, 180

Sweetspot

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



181, 178, 179



235, 235, 235



180, 178, 181



117, 117, 117



245, 245, 245

Same Dimension

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



181, 178, 179



235, 230, 231



181, 180, 178



89, 87, 88



153, 0, 51



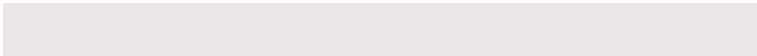
26, 0, 8

Inverse Universe

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



181, 178, 179



235, 230, 231



178, 180, 181



89, 87, 88



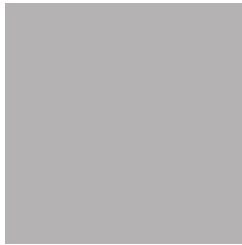
153, 0, 51



26, 0, 8

Previews

White Background



This preview shows how the RYB color 181, 178, 179 looks on a white background.

Color Contrast Check

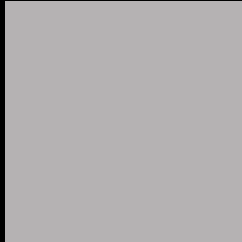
Large Text (above 18pt) WCAG AA × Fail

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 181, 178, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

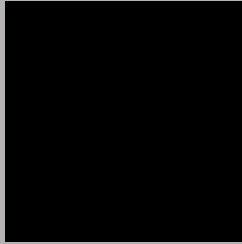
Any Text WCAG AA ✓ Pass

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 181, 178, 179 Background



This preview shows how black text looks on a background with the RYB color 181, 178, 179.

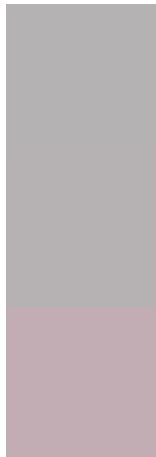


This preview shows how white text looks on a background with the RYB color 181, 178, 179.

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
181, 178, 179

Protanopia
182, 178, 179

Deuteranopia
195, 173, 180



Tritanopia
183, 176, 190

Trichromacy



Original Color

181, 178, 179

Protanomaly

182, 178, 179

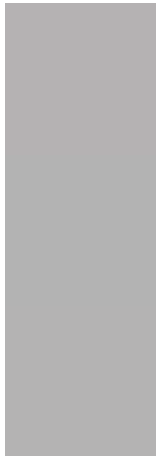
Deuteranomaly

190, 175, 180

Tritanomaly

182, 177, 186

Monochromacy



Original Color

181, 178, 179

Achromatopsia

179, 179, 179

Achromatomaly

180, 179, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 178, 179 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(181, 178, 179)` looks like.

```
.text, #text, p{  
    color:rgb(181, 178, 179)  
}
```

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(181, 178, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 178, 179) }
```

Border

The CSS property to change the border of an element to RYB 181, 178, 179 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(181, 178, 179) }
```

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

```
.border{ border-color:rgb(181, 178, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 178, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 178, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 178, 179);  
box-shadow:4px 4px 4px 4px rgb(181, 178,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 181, 178, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 178, 179) }
```

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

```
.background{ background-color: rgb(181,  
178, 179) }
```

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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