

Converting Colors

`RYB(171, 177, 181)`

Have a look what the booklet for
RYB(171, 177, 181) contains.

RYB(171, 177, 181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(171, 177, 181)

Conversions

Conversions Part 1

Format	Color
Hex	ABB5B2
RGB	171, 181, 178
RGB Percent	67%, 71%, 70%
CMY	0.3294, 0.2902, 0.3033
CMYK	0.06, 0.00, 0.02, 0.29
HSL	160°, 6%, 69%
HSV	160°, 6%, 71%
XYZ	41.3209, 44.9067, 48.4342
YIQ	177.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

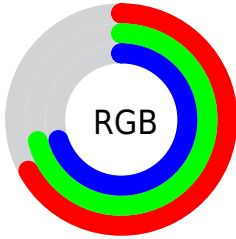
Format	Color
RYB	171, 177, 181
Decimal	11253170
CIELab	72.83, -4.12, 0.48
CIELCh	73, 4.144, 173.301
Yxy	44.9067, 0.3068, 0.3335
Android (android.graphics.Color)	4289443250 (0xFFABB5B2)
YUV	177.6680, 0.1637, -5.8478
Hunter-Lab	67.0124, -7.2059, 4.0560

Details

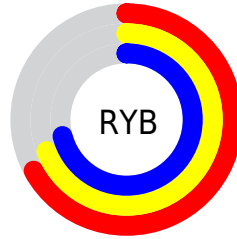
The RYB color **171, 177, 181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **181, 171, 174**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **226, 232, 237**, and **119, 124, 128** is the 20% darker color. If you saturate the color by 10%, you get **153, 170, 181**, and if you desaturate by 10%, it is **189, 181, 184**.

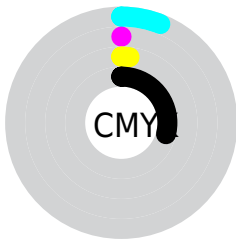
Distribution



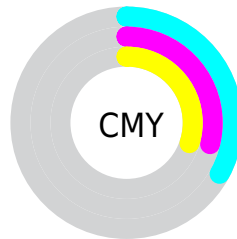
- Red (67%)
- Green (71%)
- Blue (70%)



- Red (67%)
- Yellow (69%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 177, 181 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, 177, 181 by changing the saturation by 10% instead.

■ 171, 177, 181

255, 255, 255

■ 226, 233, 237

■ 171, 177, 181

■ 144, 150, 154

■ 119, 124, 128

■ 94, 99, 103

■ 70, 75, 79

■ 48, 53, 56

■ 27, 32, 35

■ 0, 8, 13

■ 0, 0, 0

■ 171, 177, 181

■ 171, 177, 181

 153, 170, 181


 189, 181, 184

 135, 162, 181


 207, 181, 190

 117, 155, 181


 225, 181, 196

 99, 148, 181


 243, 181, 202

 80, 141, 181


 255, 181, 208

 62, 134, 181


 255, 181, 214

 44, 126, 181

 255, 181, 220

 26, 119, 181

 255, 181, 226

 8, 112, 181

 255, 181, 232

Harmonies

Analogous

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



174, 180, 180



171, 177, 181



170, 176, 182

Triad

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



171, 177, 181



179, 178, 186



186, 179, 173

Complementary

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



171, 177, 181



181, 171, 174

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.



187, 176, 176



171, 177, 181



183, 177, 183

Square

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



171, 177, 181



174, 178, 186



186, 176, 180



180, 183, 171

Rectangle

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



171, 177, 181



170, 176, 184



186, 176, 180



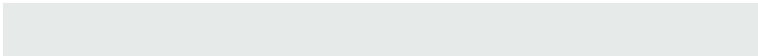
187, 178, 174

Sweetspot

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



171, 177, 181



230, 233, 235



171, 181, 177



115, 116, 117



245, 245, 245



117, 117, 117

Same Dimension

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



171, 177, 181



218, 228, 235



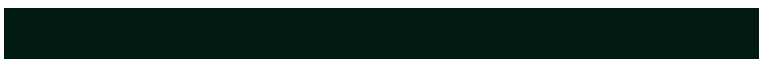
171, 176, 181



82, 86, 89



0, 92, 153



0, 16, 26

Inverse Universe

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



181, 171, 174



235, 218, 224



181, 174, 171



89, 82, 84



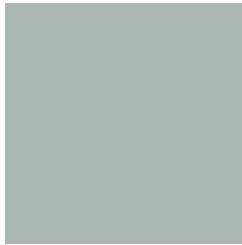
153, 0, 51



26, 0, 9

Previews

White Background



This preview shows how the RYB color 171, 177, 181 looks on a white background.

Color Contrast Check

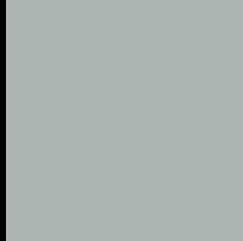
Large Text (above 18pt) WCAG AA × Fail

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, 177, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

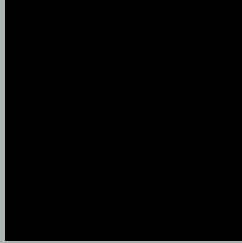
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

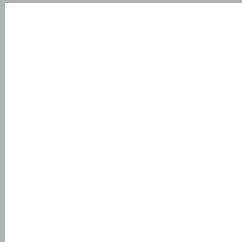
Any Text WCAG AAA ✓ Pass

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

RYB 171, 177, 181 Background



This preview shows how black text looks on a background with the RYB color 171, 177, 181.



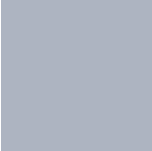
This preview shows how white text looks on a background with the RYB color 171, 177, 181.

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](#).

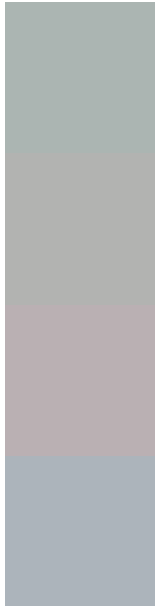
Dichromacy





Tritanopia
173, 178, 193

Trichromacy



Original Color

171, 177, 181

Protanomaly

177, 179, 178

Deuteranomaly

186, 176, 179

Tritanomaly

172, 177, 187

Monochromacy



Original Color

171, 177, 181

Achromatopsia

178, 178, 178

Achromatomaly

175, 177, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 177, 181 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(171, 181, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 181, 178) }
```

Border

The CSS property to change the border of an element to RYB 171, 177, 181 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, 178) }
```

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

```
.border{ border-color:rgb(171, 181, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 181, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 181, 178);  
box-shadow:4px 4px 4px 4px rgb(171, 181,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 171, 177, 181 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, 178) }
```

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

```
.background{ background-color: rgb(171,  
181, 178) }
```

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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