

Converting Colors

`RYB(172, 177, 180)`

Have a look what the booklet for
RYB(172, 177, 180) contains.

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Color

R_YB(172, 177, 180)

Conversions

Conversions Part 1

Format	Color
Hex	ACB4B1
RGB	172, 180, 177
RGB Percent	67%, 71%, 69%
CMY	0.3255, 0.2941, 0.3067
CMYK	0.04, 0.00, 0.02, 0.29
HSL	156°, 5%, 69%
HSV	156°, 4%, 71%
XYZ	41.2504, 44.5795, 47.9211
YIQ	177.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

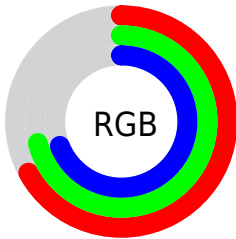
Format	Color
RYB	172, 177, 180
Decimal	11318449
CIELab	72.61, -3.40, 0.65
CIELCh	73, 3.461, 169.147
Yxy	44.5795, 0.3084, 0.3333
Android (android.graphics.Color)	4289508529 (0xFFACB4B1)
YUV	177.2660, -0.1311, -4.6183
Hunter-Lab	66.7679, -6.5633, 4.1835

Details

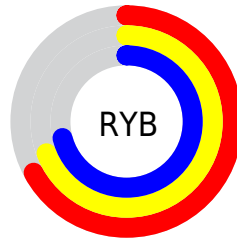
The RYB color **172, 177, 180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **180, 172, 175**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **227, 232, 236**, and **120, 124, 127** is the 20% darker color. If you saturate the color by 10%, you get **154, 170, 180**, and if you desaturate by 10%, it is **190, 180, 184**.

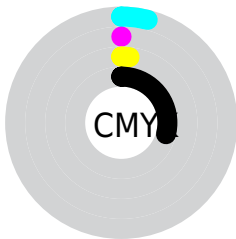
Distribution



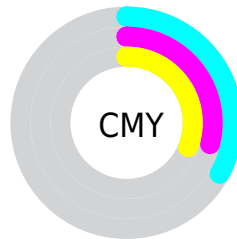
- Red (67%)
- Green (71%)
- Blue (69%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 177, 180 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 172, 177, 180 by changing the saturation by 10% instead.

■ 172, 177, 180

255, 255, 255

■ 227, 233, 236

■ 172, 177, 180

■ 145, 150, 153

■ 120, 124, 127

■ 95, 99, 102

■ 71, 75, 78

■ 49, 53, 56

■ 28, 32, 34

■ 1, 8, 12

■ 0, 0, 0

■ 172, 177, 180

■ 172, 177, 180

■ 154, 170, 180

■ 190, 180, 184

■ 136, 164, 180

■ 208, 180, 191

■ 118, 157, 180

■ 226, 180, 198

■ 100, 150, 180

■ 244, 180, 206

■ 82, 143, 180

■ 255, 180, 213

■ 64, 136, 180

■ 255, 180, 220

■ 46, 130, 180

■ 255, 180, 227

■ 28, 123, 180

■ 255, 180, 234

■ 10, 116, 180

■ 255, 180, 242

Harmonies

Analogous

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



174, 179, 178



172, 177, 180



171, 176, 180

Triad

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



172, 177, 180



177, 178, 184



185, 179, 173

Complementary

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



172, 177, 180



180, 172, 175

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.



185, 176, 176



172, 177, 180



181, 177, 182

Square

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



172, 177, 180



174, 177, 184



184, 176, 179



182, 182, 172

Rectangle

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



172, 177, 180



171, 176, 182



184, 176, 179



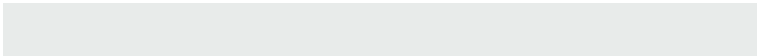
185, 176, 174

Sweetspot

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



172, 177, 180



232, 234, 235



172, 180, 177



116, 117, 117



245, 245, 245



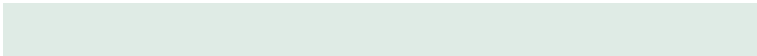
117, 117, 117

Same Dimension

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



172, 177, 180



223, 231, 235



172, 176, 180



84, 87, 89



0, 96, 153



0, 16, 26

Inverse Universe

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



180, 172, 175



235, 223, 228



180, 173, 172



89, 84, 86



153, 0, 61



26, 0, 10

Previews

White Background



This preview shows how the RYB color 172, 177, 180 looks on a white background.

Color Contrast Check

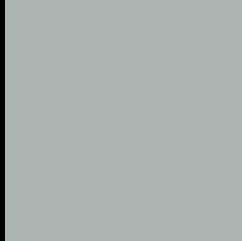
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 172, 177, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

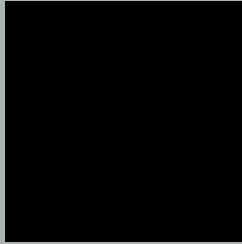
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

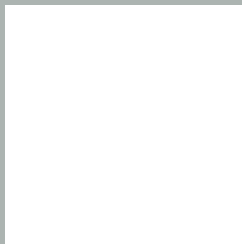
Any Text WCAG AAA ✓ Pass

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

RYB 172, 177, 180 Background



This preview shows how black text looks on a background with the RYB color 172, 177, 180.



This preview shows how white text looks on a background with the RYB color 172, 177, 180.

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
172, 177, 180

Protanopia
182, 178, 175

Deuteranopia
195, 172, 178



Tritanopia
174, 177, 192

Trichromacy



Original Color

172, 177, 180

Protanomaly

176, 178, 176

Deuteranomaly

187, 175, 178

Tritanomaly

173, 177, 186

Monochromacy



Original Color

172, 177, 180

Achromatopsia

177, 177, 177

Achromatomaly

175, 177, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 177, 180 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(172, 180, 177) looks like.

```
.text, #text, p{  
    color:rgb(172, 180, 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(172, 180, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 180, 177) }
```

Border

The CSS property to change the border of an element to RYB 172, 177, 180 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(172, 180, 177) }
```

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

```
.border{ border-color:rgb(172, 180, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 180, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 180, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 180, 177);  
box-shadow:4px 4px 4px 4px rgb(172, 180,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 172, 177, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 180, 177) }
```

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

```
.background{ background-color: rgb(172,  
180, 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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