

Converting Colors

`RYB(171, 180, 172)`

Have a look what the booklet for
RYB(171, 180, 172) contains.

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Color

R_YB(171, 180, 172)

Conversions

Conversions Part 1

Format	Color
Hex	B3B4AB
RGB	179, 180, 171
RGB Percent	70%, 71%, 67%
CMY	0.2980, 0.2941, 0.3294
CMYK	0.01, 0.00, 0.05, 0.29
HSL	67°, 6%, 69%
HSV	67°, 5%, 71%
XYZ	42.2623, 45.1665, 45.0186
YIQ	178.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

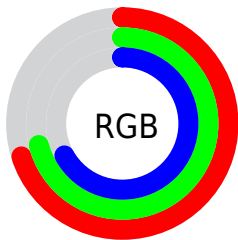
Format	Color
RYB	171, 180, 172
Decimal	11777195
CIELab	73.00, -2.00, 4.45
CIELCh	73, 4.882, 114.149
Yxy	45.1665, 0.3191, 0.3410
Android (android.graphics.Color)	4289967275 (0xFFB3B4AB)
YUV	178.6750, -3.7838, 0.2850
Hunter-Lab	67.2060, -5.3612, 7.3282

Details

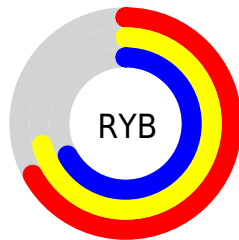
The RYB color **171, 180, 172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **172, 171, 180**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **226, 236, 227**, and **119, 127, 120** is the 20% darker color. If you saturate the color by 10%, you get **153, 180, 156**, and if you desaturate by 10%, it is **181, 180, 189**.

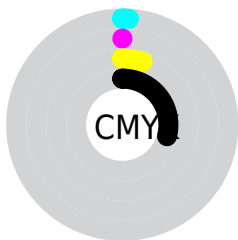
Distribution



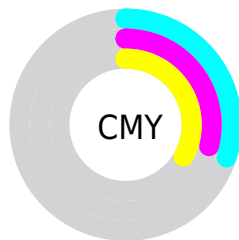
- Red (70%)
- Green (71%)
- Blue (67%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 180, 172 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, 180, 172 by changing the saturation by 10% instead.

■ 171, 180, 172

255, 255, 255

■ 226, 236, 227

■ 171, 180, 172

■ 145, 153, 146

■ 119, 127, 120

■ 94, 102, 95

■ 71, 78, 72

■ 48, 56, 49

■ 27, 34, 28

■ 0, 12, 1

■ 0, 0, 0

■ 171, 180, 172

■ 171, 180, 172

153, 180, 156

181, 180, 189

135, 180, 140

183, 180, 207

117, 180, 124

185, 180, 225

99, 180, 108

187, 180, 243

81, 180, 92

189, 180, 255

63, 180, 76

191, 180, 255

45, 180, 60

193, 180, 255

27, 180, 44

195, 180, 255

9, 180, 28

197, 180, 255

Harmonies

Analogous

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



178, 184, 170



171, 180, 172



174, 181, 181

Triad

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



171, 180, 172



170, 177, 186



188, 176, 180

Complementary

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



171, 180, 172



172, 171, 180

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.



184, 177, 184



171, 180, 172



174, 178, 188

Square

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



171, 180, 172



168, 175, 183



179, 178, 187



189, 176, 176

Rectangle

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



171, 180, 172



171, 178, 182



179, 178, 187



187, 176, 182

Sweetspot

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



171, 180, 172



230, 235, 231



180, 172, 171



115, 117, 115



245, 245, 245



117, 117, 117

Same Dimension

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



171, 180, 172



221, 235, 223



171, 180, 176



83, 89, 83



0, 153, 17



0, 26, 3

Inverse Universe

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



172, 171, 180



222, 221, 235



176, 171, 180



84, 83, 89



17, 0, 153



3, 0, 26

Previews

White Background



This preview shows how the RYB color 171, 180, 172 looks on a white background.

Color Contrast Check

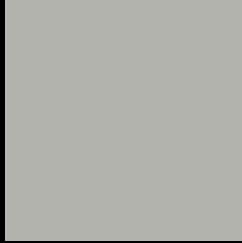
Large Text (above 18pt) WCAG AA × Fail

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, 180, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

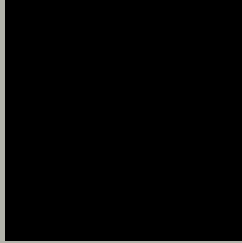
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

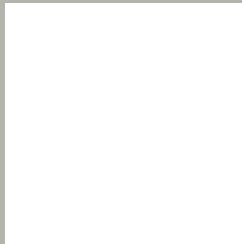
Any Text WCAG AAA ✓ Pass

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

R Y B 171, 180, 172 Background



This preview shows how black text looks on a background with the R Y B color 171, 180, 172.



This preview shows how white text looks on a background with the R Y B color 171, 180, 172.

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, 180, 172

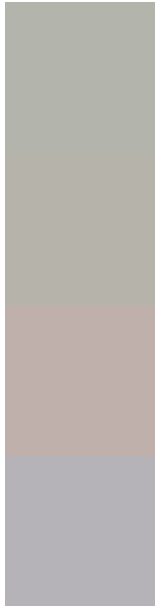
Protanopia
181, 184, 170

Deuteranopia
199, 173, 172



Tritanopia
182, 177, 191

Trichromacy



Original Color

171, 180, 172

Protanomaly

174, 182, 170

Deuteranomaly

192, 177, 172

Tritanomaly

181, 178, 184

Monochromacy



Original Color

171, 180, 172

Achromatopsia

179, 179, 179

Achromatomaly

176, 179, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 180, 172 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(179, 180, 171) looks like.

```
.text, #text, p{  
    color:rgb(179, 180, 171)  
}
```

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(179, 180, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 180, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 180, 172 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(179, 180, 171) }
```

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

```
.border{ border-color:rgb(179, 180, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 180, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 180, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 180, 171);  
box-shadow:4px 4px 4px 4px rgb(179, 180,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 180, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 180, 171) }
```

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

```
.background{ background-color: rgb(179,  
180, 171) }
```

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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