

Converting Colors

`RYB(172, 180, 178)`

Have a look what the booklet for
RYB(172, 180, 178) contains.

RYB(172, 180, 178)	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

$\text{RYB}(172, 180, 178)$

Conversions

Conversions Part 1

Format	Color
Hex	AEB4AC
RGB	174, 180, 172
RGB Percent	68%, 71%, 67%
CMY	0.3176, 0.2941, 0.3255
CMYK	0.03, 0.00, 0.04, 0.29
HSL	105°, 5%, 69%
HSV	105°, 4%, 71%
XYZ	41.2232, 44.6197, 45.4695
YIQ	177.2940, -1.0080, -3.7600

Conversions

Conversions Part 2

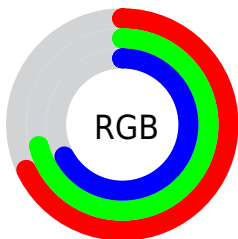
Format	Color
RYB	172, 180, 178
Decimal	11449516
CIELab	72.64, -3.60, 3.34
CIELCh	73, 4.907, 137.143
Yxy	44.6197, 0.3139, 0.3398
Android (android.graphics.Color)	4289639596 (0xFFAEB4AC)
YUV	177.2940, -2.6099, -2.8888
Hunter-Lab	66.7980, -6.7384, 6.3998

Details

The RYB color **172, 180, 178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **178, 172, 180**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **227, 236, 234**, and **120, 127, 125** is the 20% darker color. If you saturate the color by 10%, you get **154, 180, 174**, and if you desaturate by 10%, it is **188, 180, 190**.

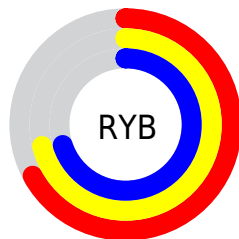
Distribution



Red (68%)

Green (71%)

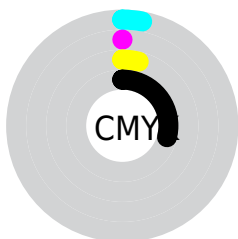
Blue (67%)



Red (67%)

Yellow (71%)

Blue (70%)

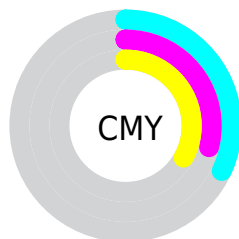


Cyan (3%)

Magenta (0%)

Yellow (4%)

Black (29%)



Cyan (32%)

Magenta (29%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 180, 178 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, 180, 178 by changing the saturation by 10% instead.

■ 172, 180, 178

255, 255, 255

■ 227, 236, 234

■ 172, 180, 178

■ 145, 153, 151

■ 120, 127, 125

■ 95, 102, 100

■ 71, 78, 76

■ 49, 56, 54


■ 28, 34, 32

■ 1, 12, 9

■ 0, 0, 0


■ 172, 180, 178

■ 172, 180, 178

 154, 180, 174


 188, 180, 190

 136, 180, 169


 201, 180, 208


 118, 180, 165


 215, 180, 226

 100, 180, 160


 228, 180, 244


 82, 180, 156


 242, 180, 255

 64, 180, 151

 255, 180, 255

 46, 180, 147

 28, 180, 142

 10, 180, 138

Harmonies

Analogous

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



170, 179, 170



172, 180, 178



170, 177, 181

Triad

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



172, 180, 178



172, 177, 187



188, 175, 176

Complementary

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



172, 180, 178



178, 172, 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.



186, 175, 180



172, 180, 178



177, 178, 187

Square

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



172, 180, 178



168, 175, 185



182, 176, 184



187, 177, 172

Rectangle

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



172, 180, 178



168, 175, 181



182, 176, 184



188, 175, 177

Sweetspot

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



172, 180, 178



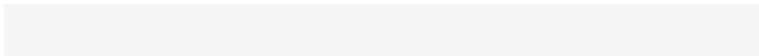
232, 235, 234



175, 180, 172



116, 117, 117



245, 245, 245



117, 117, 117

Same Dimension

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



172, 180, 178



223, 235, 232



172, 178, 180



84, 89, 88



0, 153, 115



0, 26, 20

Inverse Universe

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



178, 172, 180



232, 223, 235



180, 172, 178



88, 84, 89



115, 0, 153



19, 0, 26

Previews

White Background



This preview shows how the RYB color 172, 180, 178 looks on a white background.

Color Contrast Check

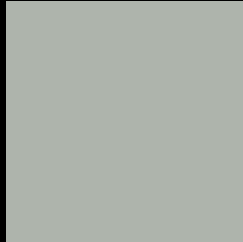
Large Text (above 18pt) WCAG AA × Fail

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 172, 180, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

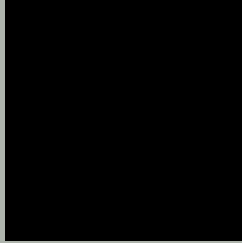
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

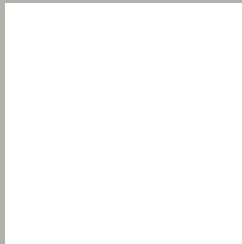
Any Text WCAG AAA ✓ Pass

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

RYB 172, 180, 178 Background



This preview shows how black text looks on a background with the RYB color 172, 180, 178.



This preview shows how white text looks on a background with the RYB color 172, 180, 178.

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
177, 177, 191

Trichromacy



Original Color

172, 180, 178

Protanomaly

174, 180, 171

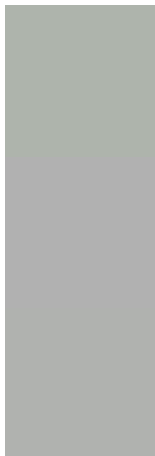
Deuteranomaly

189, 175, 173

Tritanomaly

176, 178, 184

Monochromacy



Original Color

172, 180, 178

Achromatopsia

177, 177, 177

Achromatomaly

175, 178, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 180, 178 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(174, 180, 172)` looks like.

```
.text, #text, p{  
    color:rgb(174, 180, 172)  
}
```

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(174, 180, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 180, 172) }
```

Border

The CSS property to change the border of an element to RYB 172, 180, 178 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(174, 180, 172) }
```

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

```
.border{ border-color:rgb(174, 180, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 180, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 180, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 180, 172);  
box-shadow:4px 4px 4px 4px rgb(174, 180,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 172, 180, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 180, 172) }
```

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

```
.background{ background-color: rgb(174,  
180, 172) }
```

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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