

Converting Colors

`RYB(172, 176, 175)`

Have a look what the booklet for
RYB(172, 176, 175) contains.

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Color

R_YB(172, 176, 175)

Conversions

Conversions Part 1

Format	Color
Hex	ADB0AC
RGB	173, 176, 172
RGB Percent	68%, 69%, 67%
CMY	0.3216, 0.3098, 0.3255
CMYK	0.02, 0.00, 0.02, 0.31
HSL	105°, 2%, 68%
HSV	105°, 2%, 69%
XYZ	40.2053, 42.9135, 45.1938
YIQ	174.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

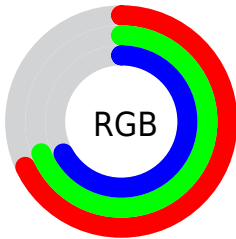
Format	Color
RYB	172, 176, 175
Decimal	11382956
CIELab	71.50, -1.80, 1.67
CIELCh	71, 2.456, 137.272
Yxy	42.9135, 0.3133, 0.3344
Android (android.graphics.Color)	4289573036 (0xFFADB0AC)
YUV	174.6470, -1.3050, -1.4444
Hunter-Lab	65.5084, -5.0865, 4.9521

Details

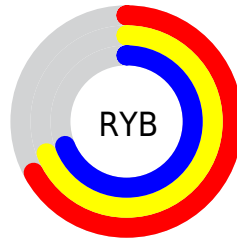
The RYB color **172, 176, 175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **175, 172, 176**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **227, 232, 231**, and **120, 124, 123** is the 20% darker color. If you saturate the color by 10%, you get **154, 176, 170**, and if you desaturate by 10%, it is **186, 176, 190**.

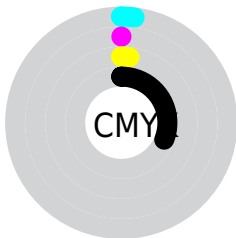
Distribution



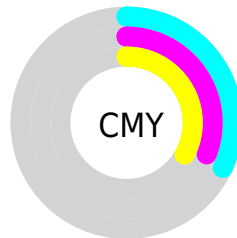
- Red (68%)
- Green (69%)
- Blue (67%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)



- Cyan (32%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 176, 175 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, 176, 175 by changing the saturation by 10% instead.

■ 172, 176, 175

255, 255, 255

■ 227, 232, 231

■ 172, 176, 175

■ 145, 149, 148

■ 120, 124, 123

■ 95, 99, 98

■ 71, 75, 74

■ 49, 52, 51


■ 28, 31, 30

■ 1, 7, 5


■ 0, 0, 0


■ 172, 176, 175

■ 172, 176, 175

 154, 176, 170


 186, 176, 190

 137, 176, 166


 199, 176, 207

 119, 176, 162


 213, 176, 225


 102, 176, 158


 226, 176, 242

 84, 176, 153


 239, 176, 255


 66, 176, 148

 252, 176, 255

 49, 176, 144

 255, 176, 255

 31, 176, 140

 14, 176, 136

Harmonies

Analogous

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



172, 176, 171



172, 176, 175



171, 174, 176

Triad

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



172, 176, 175



172, 175, 179



180, 174, 174

Complementary

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



172, 176, 175



175, 172, 176

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.



179, 174, 176



172, 176, 175



174, 175, 179

Square

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



172, 176, 175



170, 173, 178



177, 174, 178



180, 175, 172

Rectangle

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



172, 176, 175



170, 173, 176



177, 174, 178



180, 174, 175

Sweetspot

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



172, 176, 175



227, 230, 229



173, 176, 172



114, 115, 115



242, 242, 242



115, 115, 115

Same Dimension

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



172, 176, 175



223, 230, 229



172, 175, 176



86, 89, 88



0, 153, 115



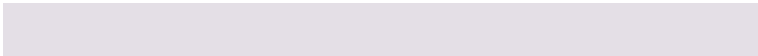
0, 26, 20

Inverse Universe

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



175, 172, 176



228, 223, 230



176, 172, 175



88, 86, 89



115, 0, 153



19, 0, 26

Previews

White Background



This preview shows how the RYB color 172, 176, 175 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, 176, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

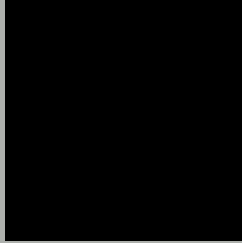
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

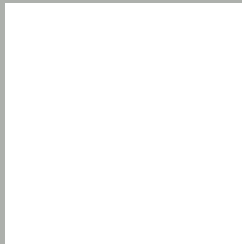
Any Text WCAG AAA ✓ Pass

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

R Y B 172, 176, 175 Background



This preview shows how black text looks on a background with the R Y B color 172, 176, 175.



This preview shows how white text looks on a background with the R Y B color 172, 176, 175.

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, 176, 175

Protanopia
179, 176, 171

Deuteranopia
192, 169, 173



Tritanopia

175, 174, 187

Trichromacy



Original Color

172, 176, 175

Protanomaly

174, 177, 171

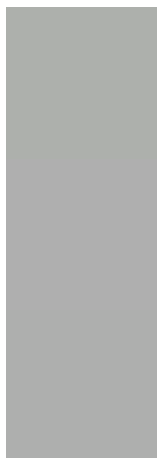
Deuteranomaly

185, 172, 173

Tritanomaly

174, 175, 182

Monochromacy



Original Color

172, 176, 175

Achromatopsia

175, 175, 175

Achromatomaly

174, 175, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 176, 175 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(173, 176, 172) looks like.

```
.text, #text, p{  
    color:rgb(173, 176, 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(173, 176, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 176, 172) }
```

Border

The CSS property to change the border of an element to RYB 172, 176, 175 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(173, 176, 172) }
```

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

```
.border{ border-color:rgb(173, 176, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 176, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 176, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 176, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 176,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 172, 176, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 176, 172) }
```

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

```
.background{ background-color: rgb(173,  
176, 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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