

Converting Colors

`RYB(176, 172, 186)`

Have a look what the booklet for
RYB(176, 172, 186) contains.

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Color

R_YB(176, 172, 186)

Conversions

Conversions Part 1

Format	Color
Hex	B0ACBA
RGB	176, 172, 186
RGB Percent	69%, 67%, 73%
CMY	0.3098, 0.3255, 0.2706
CMYK	0.05, 0.08, 0.00, 0.27
HSL	257°, 9%, 70%
HSV	257°, 8%, 73%
XYZ	41.5199, 42.2803, 52.4270
YIQ	174.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

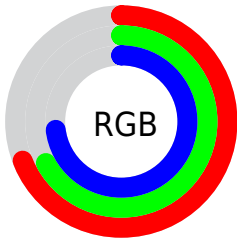
Format	Color
RYB	176, 172, 186
Decimal	11578554
CIELab	71.06, 4.11, -6.65
CIELCh	71, 7.814, 301.707
Yxy	42.2803, 0.3048, 0.3104
Android (android.graphics.Color)	4289768634 (0xFFB0ACBA)
YUV	174.7920, 5.5255, 1.0594
Hunter-Lab	65.0233, 0.1884, -2.2880

Details

The RYB color **176, 172, 186** is a light color, and the websafe version is hex **999999**. A complement of this color would be **172, 186, 176**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **232, 227, 242**, and **124, 120, 133** is the 20% darker color. If you saturate the color by 10%, you get **163, 153, 186**, and if you desaturate by 10%, it is **186, 191, 188**.

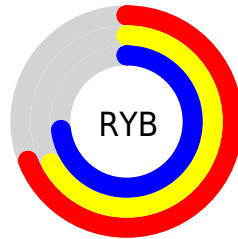
Distribution



Red (69%)

Green (67%)

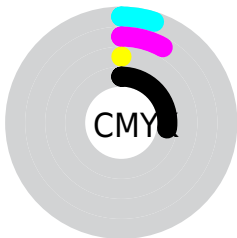
Blue (73%)



Red (69%)

Yellow (67%)

Blue (73%)

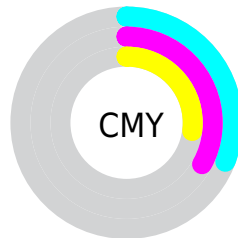


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 172, 186 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 176, 172, 186 by changing the saturation by 10% instead.


 176, 172, 186

255, 255, 255


 232, 227, 242

 176, 172, 186


 149, 145, 159

 124, 120, 133

 99, 95, 108

 75, 71, 83

 52, 49, 60

 31, 28, 39

 7, 1, 18

 0, 0, 0

 176, 172, 186

 176, 172, 186

■ 163, 153, 186

■ 186, 191, 188

■ 149, 135, 186

■ 186, 209, 192

■ 136, 116, 186

■ 186, 228, 198

■ 123, 98, 186

■ 186, 246, 203

■ 110, 79, 186

■ 186, 255, 199

■ 96, 60, 186

■ 186, 255, 186

■ 83, 42, 186

■ 70, 23, 186

■ 56, 5, 186

Harmonies

Analogous

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



167, 172, 188



176, 172, 186



184, 170, 181

Triad

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



176, 172, 186



186, 176, 162



158, 169, 178

Complementary

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



176, 172, 186



172, 186, 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.



164, 176, 178



176, 172, 186



169, 180, 160

Square

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



176, 172, 186



189, 170, 167



162, 176, 167



157, 168, 181

Rectangle

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



176, 172, 186



187, 169, 176



162, 176, 167



159, 170, 178

Sweetspot

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



176, 172, 186



239, 237, 242



172, 178, 186



121, 120, 122



250, 250, 250



122, 122, 122

Same Dimension

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



176, 172, 186



227, 220, 242



183, 172, 186



85, 83, 92



44, 0, 156



8, 0, 28

Inverse Universe

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



186, 172, 182



242, 220, 236



172, 186, 183



92, 83, 89



156, 0, 111



28, 0, 20

Previews

White Background



This preview shows how the RYB color 176, 172, 186 looks on a white background.

Color Contrast Check

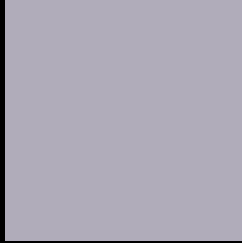
Large Text (above 18pt) WCAG AA × Fail

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 176, 172, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

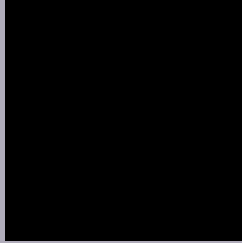
Any Text WCAG AA ✓ Pass

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 176, 172, 186 Background



This preview shows how black text looks on a background with the RYB color 176, 172, 186.

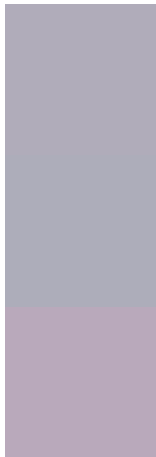


This preview shows how white text looks on a background with the RYB color 176, 172, 186.

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
176, 172, 186

Protanopia
173, 173, 186

Deuteranopia
185, 169, 187



Tritanopia
176, 172, 186

Trichromacy



Original Color

176, 172, 186

Protanomaly

174, 173, 186

Deuteranomaly

182, 170, 187

Tritanomaly

176, 172, 186

Monochromacy



Original Color

176, 172, 186

Achromatopsia

175, 175, 175

Achromatomaly

175, 174, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 172, 186 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(176, 172, 186) looks like.

```
.text, #text, p{  
    color:rgb(176, 172, 186)  
}
```

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(176, 172, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 172, 186) }
```

Border

The CSS property to change the border of an element to RYB 176, 172, 186 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(176, 172, 186) }
```

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

```
.border{ border-color:rgb(176, 172, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 172, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 172, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 172, 186);  
box-shadow:4px 4px 4px 4px rgb(176, 172,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 176, 172, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 172, 186) }
```

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

```
.background{ background-color: rgb(176,  
172, 186) }
```

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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