

Converting Colors

`RYB(180, 172, 182)`

Have a look what the booklet for
RYB(180, 172, 182) contains.

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Color

R_YB(180, 172, 182)

Conversions

Conversions Part 1

Format	Color
Hex	B4ACB6
RGB	180, 172, 182
RGB Percent	71%, 67%, 71%
CMY	0.2941, 0.3255, 0.2863
CMYK	0.01, 0.05, 0.00, 0.29
HSL	288°, 6%, 69%
HSV	288°, 5%, 71%
XYZ	42.0184, 42.5857, 50.2612
YIQ	175.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

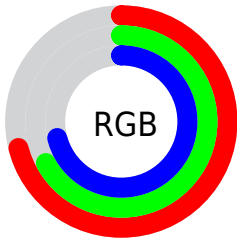
Format	Color
RYB	180, 172, 182
Decimal	11840694
CIELab	71.27, 4.72, -4.10
CIELCh	71, 6.249, 319.019
Yxy	42.5857, 0.3116, 0.3158
Android (android.graphics.Color)	4290030774 (0xFFB4ACB6)
YUV	175.5320, 3.1887, 3.9184
Hunter-Lab	65.2578, 0.7322, 0.0155

Details

The RYB color **180, 172, 182** is a light color, and the websafe version is hex **999999**. A complement of this color would be **172, 182, 180**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **236, 227, 238**, and **127, 120, 129** is the 20% darker color. If you saturate the color by 10%, you get **176, 154, 182**, and if you desaturate by 10%, it is **182, 190, 188**.

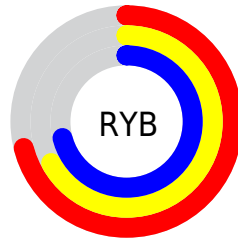
Distribution



Red (71%)

Green (67%)

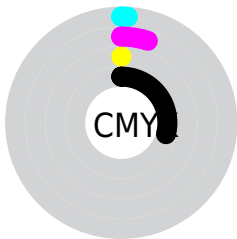
Blue (71%)



Red (71%)

Yellow (67%)

Blue (71%)

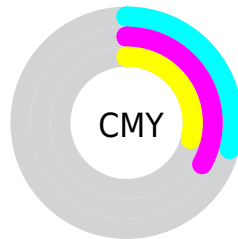


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 172, 182 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 180, 172, 182 by changing the saturation by 10% instead.

■ 180, 172, 182

255, 255, 255

■ 236, 227, 238

■ 180, 172, 182

■ 153, 145, 155

■ 127, 120, 129

■ 102, 95, 104

■ 78, 71, 80

■ 55, 49, 57

■ 34, 28, 36

■ 12, 1, 14

■ 0, 0, 0

■ 180, 172, 182

■ 180, 172, 182

176, 154, 182

182, 190, 188

173, 136, 182

182, 208, 203

169, 117, 182

182, 227, 218

165, 99, 182

182, 245, 232

162, 81, 182

182, 255, 239

158, 63, 182

182, 255, 235

155, 45, 182

182, 255, 232

151, 26, 182

182, 255, 228

147, 8, 182

182, 255, 224

Harmonies

Analogous

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



173, 174, 185



180, 172, 182



185, 171, 177

Triad

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



180, 172, 182



180, 182, 163



161, 170, 178

Complementary

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



180, 172, 182



172, 182, 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.



163, 172, 178



180, 172, 182



164, 175, 164

Square

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



180, 172, 182



186, 175, 166



167, 177, 175



162, 171, 183

Rectangle

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



180, 172, 182



187, 171, 173



167, 177, 175



161, 170, 178

Sweetspot

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



180, 172, 182



236, 232, 237



172, 174, 182



119, 117, 120



247, 247, 247



120, 120, 120

Same Dimension

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



180, 172, 182



234, 221, 237



182, 172, 179



90, 84, 92



124, 0, 156



22, 0, 28

Inverse Universe

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



182, 172, 174



237, 221, 224



172, 180, 182



92, 84, 86



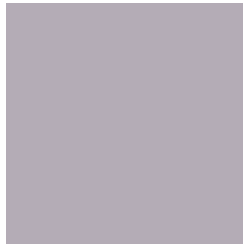
156, 0, 31



28, 0, 6

Previews

White Background



This preview shows how the RYB color 180, 172, 182 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 180, 172, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

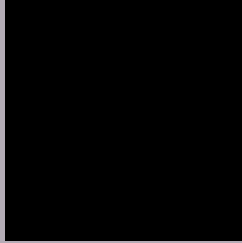
Any Text WCAG AA ✓ Pass

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 180, 172, 182 Background



This preview shows how black text looks on a background with the RYB color 180, 172, 182.



This preview shows how white text looks on a background with the RYB color 180, 172, 182.

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
180, 172, 182

Protanopia
175, 173, 183

Deuteranopia
188, 169, 183



Tritanopia
180, 172, 185

Trichromacy



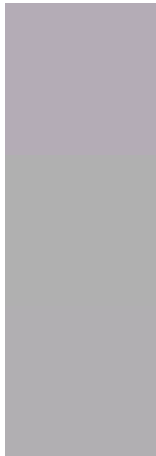
Original Color
180, 172, 182

Protanomaly
177, 173, 183

Deuteranomaly
185, 170, 183

Tritanomaly
180, 172, 184

Monochromacy



Original Color
180, 172, 182

Achromatopsia
176, 176, 176

Achromatomaly
177, 175, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 172, 182 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(180, 172, 182) looks like.

```
.text, #text, p{  
    color:rgb(180, 172, 182)  
}
```

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(180, 172, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 172, 182) }
```

Border

The CSS property to change the border of an element to RYB 180, 172, 182 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(180, 172, 182) }
```

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

```
.border{ border-color:rgb(180, 172, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 172, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 172, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 172, 182);  
box-shadow:4px 4px 4px 4px rgb(180, 172,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 180, 172, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 172, 182) }
```

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

```
.background{ background-color: rgb(180,  
172, 182) }
```

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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