

Converting Colors

`RYB(185, 172, 177)`

Have a look what the booklet for
RYB(185, 172, 177) contains.

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Color

$\text{RYB}(185, 172, 177)$

Conversions

Conversions Part 1

Format	Color
Hex	B9ACB1
RGB	185, 172, 177
RGB Percent	73%, 67%, 69%
CMY	0.2745, 0.3255, 0.3059
CMYK	0.00, 0.07, 0.04, 0.27
HSL	337°, 8%, 70%
HSV	337°, 7%, 73%
XYZ	42.6959, 42.9937, 47.6433
YIQ	176.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

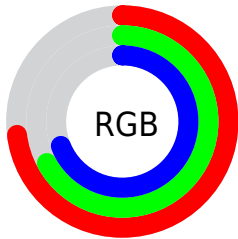
Format	Color
RYB	185, 172, 177
Decimal	12168369
CIELab	71.55, 5.56, -0.89
CIElCh	72, 5.627, 350.926
Yxy	42.9937, 0.3202, 0.3225
Android (android.graphics.Color)	4290358449 (0xFFB9ACB1)
YUV	176.4570, 0.2677, 7.4922
Hunter-Lab	65.5696, 1.4844, 2.8182

Details

The RYB color **185, 172, 177** is a light color, and the websafe version is hex **999999**. A complement of this color would be **172, 180, 185**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **241, 227, 233**, and **132, 120, 124** is the 20% darker color. If you saturate the color by 10%, you get **185, 154, 166**, and if you desaturate by 10%, it is **185, 189, 191**.

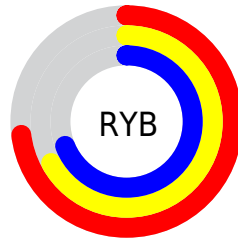
Distribution



Red (73%)

Green (67%)

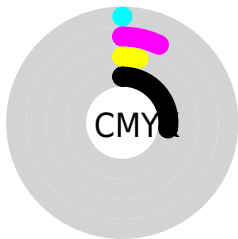
Blue (69%)



Red (73%)

Yellow (67%)

Blue (69%)

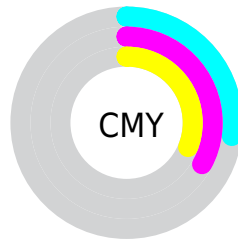


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 172, 177 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 185, 172, 177 by changing the saturation by 10% instead.


 185, 172, 177

255, 255, 255

 241, 227, 233

 185, 172, 177


 158, 145, 150

 132, 120, 124

 107, 95, 100

 82, 71, 76

 59, 49, 53

 38, 28, 32

 17, 1, 8

 0, 0, 0

 185, 172, 177

 185, 172, 177

 185, 154, 166

 185, 189, 191

 185, 135, 154

 185, 200, 209

 185, 117, 143

 185, 212, 228

 185, 98, 131

 185, 223, 246

 185, 80, 120

 185, 226, 255

 185, 61, 109

 185, 223, 255

 185, 43, 97

 185, 220, 255

 185, 24, 86

 185, 6, 75

Harmonies

Analogous

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



181, 173, 182



185, 172, 177



187, 172, 172

Triad

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



185, 172, 177



166, 176, 166



164, 172, 183

Complementary

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



185, 172, 177



172, 180, 185

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, 171, 179



185, 172, 177



169, 177, 176

Square

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



185, 172, 177



177, 181, 165



165, 173, 178



168, 173, 185

Rectangle

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



185, 172, 177



186, 173, 169



165, 173, 178



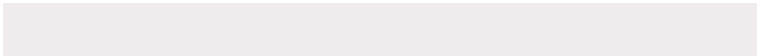
163, 171, 182

Sweetspot

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



185, 172, 177



240, 235, 237



180, 172, 185



120, 117, 118



247, 247, 247



120, 120, 120

Same Dimension

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



185, 172, 177



240, 221, 228



185, 173, 172



92, 83, 86



156, 0, 60



28, 0, 11

Inverse Universe

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



185, 172, 177



240, 221, 228



172, 178, 185



92, 83, 86



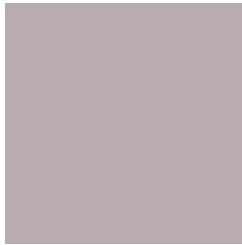
156, 0, 60



28, 0, 11

Previews

White Background



This preview shows how the RYB color 185, 172, 177 looks on a white background.

Color Contrast Check

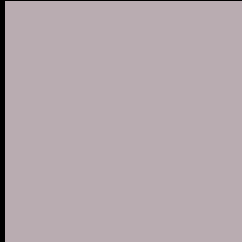
Large Text (above 18pt) WCAG AA × Fail

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 185, 172, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

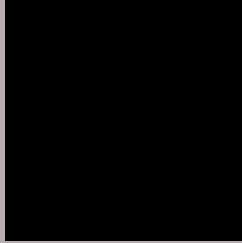
Any Text WCAG AA ✓ Pass

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 185, 172, 177 Background



This preview shows how black text looks on a background with the RYB color 185, 172, 177.



This preview shows how white text looks on a background with the RYB color 185, 172, 177.

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
185, 172, 177

Protanopia
177, 174, 178

Deuteranopia
191, 170, 177



Tritanopia
186, 171, 184

Trichromacy



Original Color

185, 172, 177

Protanomaly

180, 173, 178

Deuteranomaly

189, 171, 177

Tritanomaly

186, 171, 181

Monochromacy



Original Color

185, 172, 177

Achromatopsia

176, 176, 176

Achromatomaly

179, 175, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 172, 177 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(185, 172, 177) looks like.

```
.text, #text, p{  
    color:rgb(185, 172, 177)  
}
```

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(185, 172, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 172, 177) }
```

Border

The CSS property to change the border of an element to RYB 185, 172, 177 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(185, 172, 177) }
```

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

```
.border{ border-color:rgb(185, 172, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 172, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 172, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 172, 177);  
box-shadow:4px 4px 4px 4px rgb(185, 172,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 185, 172, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 172, 177) }
```

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

```
.background{ background-color: rgb(185,  
172, 177) }
```

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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