

Converting Colors

`RYB(185, 159, 176)`

Have a look what the booklet for RYB(185, 159, 176) contains.

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Color

$\text{RYB}(185, 159, 176)$

Conversions

Conversions Part 1

Format	Color
Hex	B99FB0
RGB	185, 159, 176
RGB Percent	73%, 62%, 69%
CMY	0.2745, 0.3765, 0.3098
CMYK	0.00, 0.14, 0.05, 0.27
HSL	321°, 16%, 67%
HSV	321°, 14%, 73%
XYZ	40.2422, 38.2452, 46.3354
YIQ	168.7120, 10.0390, 10.7990

Conversions

Conversions Part 2

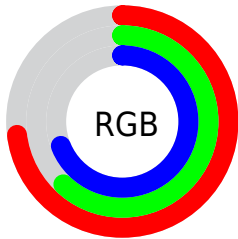
Format	Color
RYB	185, 159, 176
Decimal	12165040
CIELab	68.20, 12.51, -5.26
CIELCh	68, 13.575, 337.200
Yxy	38.2452, 0.3224, 0.3064
Android (android.graphics.Color)	4290355120 (0xFFB99FB0)
YUV	168.7120, 3.5930, 14.2846
Hunter-Lab	61.8427, 7.9287, -1.1329

Details

The RYB color **185, 159, 176** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **159, 178, 185**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **241, 214, 232**, and **132, 108, 124** is the 20% darker color. If you saturate the color by 10%, you get **185, 141, 170**, and if you desaturate by 10%, it is **185, 178, 182**.

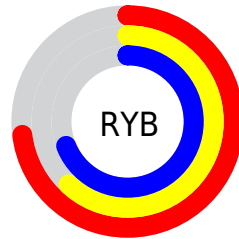
Distribution



Red (73%)

Green (62%)

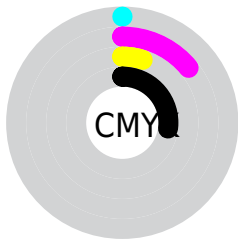
Blue (69%)



Red (73%)

Yellow (62%)

Blue (69%)

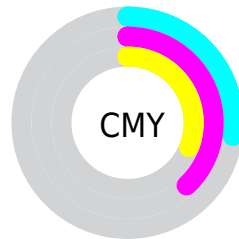


Cyan (0%)

Magenta (14%)

Yellow (5%)

Black (27%)



Cyan (27%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 159, 176 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, 159, 176 by changing the saturation by 10% instead.


 185, 159, 176

255, 255, 255

 241, 214, 232

 255, 242, 255

 185, 159, 176

 158, 133, 149

 132, 108, 124

 106, 83, 99

 82, 60, 75

 59, 38, 52

 37, 18, 31

 10, 0, 5

 0, 0, 0

 185, 159, 176

 185, 159, 176

185, 141, 170

185, 178, 182

185, 122, 163

185, 193, 196

185, 104, 157

185, 207, 214

185, 85, 150

185, 220, 233

185, 67, 144

185, 235, 252

185, 48, 138

185, 234, 255

185, 30, 131

185, 231, 255

185, 11, 125

185, 229, 255

185, 0, 121

185, 226, 255

Harmonies

Analogous

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



172, 162, 186



185, 159, 176



192, 158, 164

Triad

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



185, 159, 176



151, 173, 142



135, 156, 181

Complementary

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



185, 159, 176



159, 178, 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.



137, 157, 174



185, 159, 176



147, 170, 158

Square

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



185, 159, 176



185, 176, 144



146, 166, 173



143, 160, 188

Rectangle

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



185, 159, 176



192, 158, 156



146, 166, 173



135, 155, 177

Sweetspot

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



185, 159, 176



240, 230, 236



168, 159, 185



120, 114, 118



247, 247, 247



120, 120, 120

Same Dimension

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



185, 159, 176



240, 199, 226



185, 159, 163



92, 83, 89



156, 0, 102



28, 0, 18

Inverse Universe

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



185, 159, 176



240, 199, 226



159, 173, 185



92, 83, 89



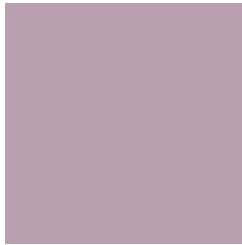
156, 0, 102



28, 0, 18

Previews

White Background



This preview shows how the RYB color 185, 159, 176 looks on a white background.

Color Contrast Check

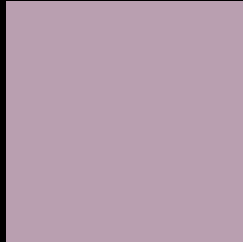
Large Text (above 18pt) WCAG AA × Fail

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, 159, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

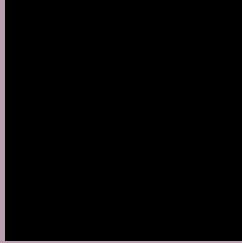
Any Text WCAG AA ✓ Pass

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, 159, 176 Background



This preview shows how black text looks on a background with the RYB color 185, 159, 176.



This preview shows how white text looks on a background with the RYB color 185, 159, 176.

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, 159, 176

Protanopia
165, 165, 180

Deuteranopia
178, 161, 176



Tritanopia
184, 160, 172

Trichromacy



Original Color
185, 159, 176

Protanomaly
172, 163, 179

Deuteranomaly
181, 160, 176

Tritanomaly
184, 160, 173

Monochromacy



Original Color
185, 159, 176

Achromatopsia
169, 169, 169

Achromatomaly
175, 165, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 159, 176 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, 159, 176)` looks like.

```
.text, #text, p{  
    color:rgb(185, 159, 176)  
}
```

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, 159, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 159, 176) }
```

Border

The CSS property to change the border of an element to RYB 185, 159, 176 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, 159, 176) }
```

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

```
.border{ border-color:rgb(185, 159, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 159, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 159, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 159, 176);  
box-shadow:4px 4px 4px 4px rgb(185, 159,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 185, 159, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 159, 176) }
```

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

```
.background{ background-color: rgb(185,  
159, 176) }
```

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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