

Converting Colors

`RYB(189, 159, 159)`

Have a look what the booklet for
RYB(189, 159, 159) contains.

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Color

`RYB(189, 159, 159)`

Conversions

Conversions Part 1

Format	Color
Hex	BD9F9F
RGB	189, 159, 159
RGB Percent	74%, 62%, 62%
CMY	0.2588, 0.3765, 0.3765
CMYK	0.00, 0.16, 0.16, 0.26
HSL	0°, 19%, 68%
HSV	0°, 16%, 74%
XYZ	39.6424, 38.1183, 38.0691
YIQ	167.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

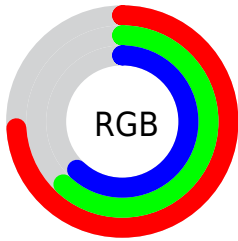
Format	Color
RYB	189, 159, 159
Decimal	12427167
CIELab	68.11, 11.04, 4.12
CIELCh	68, 11.784, 20.447
Yxy	38.1183, 0.3422, 0.3291
Android (android.graphics.Color)	4290617247 (0xFFBD9F9F)
YUV	167.9700, -4.4222, 18.4433
Hunter-Lab	61.7400, 6.5674, 6.6596

Details

The RYB color **189, 159, 159** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **159, 174, 189**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **246, 214, 214**, and **135, 108, 108** is the 20% darker color. If you saturate the color by 10%, you get **189, 140, 140**, and if you desaturate by 10%, it is **189, 178, 178**.

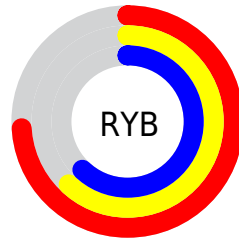
Distribution



Red (74%)

Green (62%)

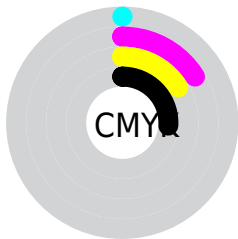
Blue (62%)



Red (74%)

Yellow (62%)

Blue (62%)

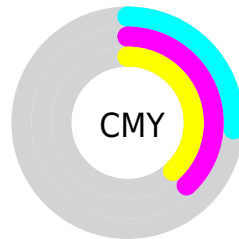


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (26%)



Cyan (26%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the RYB color 189, 159, 159 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 189, 159, 159 by changing the saturation by 10% instead.

 189, 159, 159

 189, 159, 159


255, 255, 255

 162, 133, 133


 246, 214, 214

 135, 108, 108

 255, 242, 242

 110, 83, 83

 85, 60, 60

 61, 38, 39

 39, 18, 18

 8, 0, 0


 0, 0, 0

 189, 159, 159

 189, 159, 159

 189, 140, 140

 189, 178, 178

 189, 121, 121

 189, 193, 197

 189, 102, 102

 189, 203, 216

 189, 83, 83

 189, 212, 235

 189, 65, 65

 189, 222, 254

 189, 46, 46

 189, 222, 255

 189, 27, 27

 189, 8, 8

 189, 0, 0

Harmonies

Analogous

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



186, 159, 170



189, 159, 159



186, 166, 150

Triad

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



189, 159, 159



152, 170, 167



151, 163, 187

Complementary

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



189, 159, 159



159, 174, 189

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.



141, 158, 182



189, 159, 159



144, 161, 172

Square

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



189, 159, 159



146, 168, 147



139, 156, 173



164, 164, 186

Rectangle

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



189, 159, 159



181, 179, 146



139, 156, 173



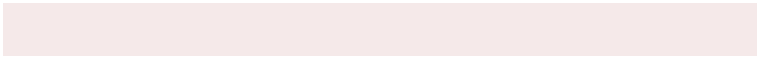
147, 161, 186

Sweetspot

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



189, 159, 159



245, 233, 233



189, 159, 189



122, 115, 115



250, 250, 250



122, 122, 122

Same Dimension

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



189, 159, 159



245, 198, 198



189, 189, 159



94, 85, 85



158, 0, 0



31, 0, 0

Inverse Universe

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



159, 174, 189



198, 222, 245



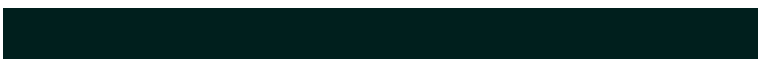
159, 169, 189



85, 90, 94



0, 79, 158



0, 16, 31

Previews

White Background



This preview shows how the RYB color 189, 159, 159 looks on a white background.

Color Contrast Check

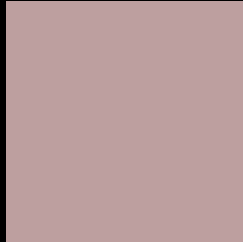
Large Text (above 18pt) WCAG AA × Fail

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 189, 159, 159 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 189, 159, 159 Background



This preview shows how black text looks on a background with the RYB color 189, 159, 159.



This preview shows how white text looks on a background with the RYB color 189, 159, 159.

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
189, 159, 159

Protanopia
170, 166, 163

Deuteranopia
185, 161, 159



Tritanopia
190, 157, 170

Trichromacy



Original Color

189, 159, 159

Protanomaly

177, 163, 162

Deuteranomaly

186, 160, 159

Tritanomaly

190, 158, 166

Monochromacy



Original Color

189, 159, 159

Achromatopsia

168, 168, 168

Achromatomaly

176, 165, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 159, 159 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(189, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(189, 159, 159)  
}
```

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(189, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 159, 159) }
```

Border

The CSS property to change the border of an element to RYB 189, 159, 159 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(189, 159, 159) }
```

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

```
.border{ border-color:rgb(189, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(189, 159,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 189, 159, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 159, 159) }
```

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

```
.background{ background-color: rgb(189,  
159, 159) }
```

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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