

Converting Colors

`RYB(190, 185, 159)`

Have a look what the booklet for
RYB(190, 185, 159) contains.

RYB(190, 185, 159)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(190, 185, 159)$

Conversions

Conversions Part 1

Format	Color
Hex	BEAD9F
RGB	190, 173, 159
RGB Percent	75%, 68%, 62%
CMY	0.2549, 0.3210, 0.3765
CMYK	0.00, 0.09, 0.16, 0.25
HSL	27°, 19%, 68%
HSV	27°, 16%, 75%
XYZ	42.4637, 43.3913, 38.9382
YIQ	176.4870, 14.6260, -0.7500

Conversions

Conversions Part 2

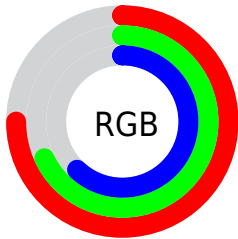
Format	Color
RYB	190, 185, 159
Decimal	12496287
CIELab	71.82, 3.70, 9.45
CIELCh	72, 10.151, 68.619
Yxy	43.3913, 0.3403, 0.3477
Android (android.graphics.Color)	4290686367 (0xFFBEAD9F)
YUV	176.4870, -8.6211, 11.8509
Hunter-Lab	65.8721, -0.2082, 11.0631

Details

The RYB color **190, 185, 159** is a light color, and the websafe version is hex **999999**. A complement of this color would be **159, 170, 190**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **246, 239, 214**, and **136, 132, 108** is the 20% darker color. If you saturate the color by 10%, you get **190, 183, 140**, and if you desaturate by 10%, it is **190, 187, 178**.

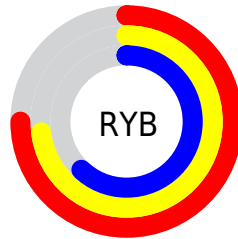
Distribution



Red (75%)

Green (68%)

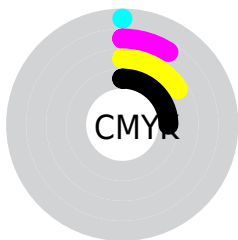
Blue (62%)



Red (75%)

Yellow (73%)

Blue (62%)

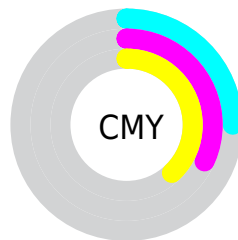


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (25%)



Cyan (25%)

Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 185, 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 190, 185, 159 by changing the saturation by 10% instead.


 190, 185, 159

255, 255, 255


 246, 242, 214

 242, 255, 242

 190, 185, 159

 163, 159, 133

 136, 132, 108

 111, 107, 83

 86, 82, 60

 63, 61, 38

 40, 40, 18


 18, 4, 0


 0, 0, 0


 190, 185, 159


 190, 185, 159


 190, 183, 140


 190, 187, 178

 190, 177, 121


 190, 193, 197

 190, 175, 102


 190, 199, 216

 190, 173, 83


 190, 206, 235

 190, 168, 64

 190, 213, 254

 190, 166, 45

 190, 217, 255

 190, 164, 26

 190, 220, 255

 190, 159, 7

 190, 223, 255

 190, 160, 0

Harmonies

Analogous

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



195, 173, 165



190, 185, 159



164, 181, 158

Triad

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



190, 185, 159



154, 169, 182



181, 173, 190

Complementary

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



190, 185, 159



159, 170, 190

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.



170, 175, 194



190, 185, 159



153, 168, 187

Square

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



190, 185, 159



160, 175, 181



159, 172, 193



191, 171, 183

Rectangle

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



190, 185, 159



160, 178, 164



159, 172, 193



177, 174, 192

Sweetspot

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



190, 185, 159



247, 247, 235



190, 159, 176



125, 125, 117



252, 252, 252



125, 125, 125

Same Dimension

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



190, 185, 159



247, 238, 198



161, 190, 159



94, 92, 85



158, 132, 0



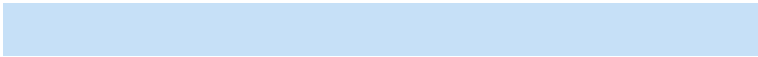
31, 26, 0

Inverse Universe

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



159, 170, 190



198, 215, 247



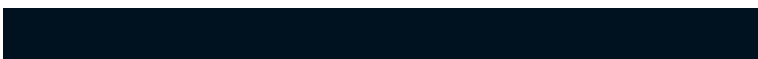
159, 161, 190



85, 88, 94



0, 56, 158



0, 11, 31

Previews

White Background



This preview shows how the RYB color 190, 185, 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 190, 185, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

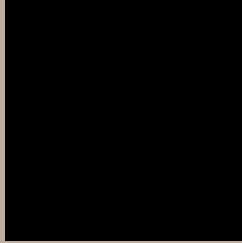
Any Text WCAG AA ✓ Pass

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 190, 185, 159 Background



This preview shows how black text looks on a background with the RYB color 190, 185, 159.



This preview shows how white text looks on a background with the RYB color 190, 185, 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

190, 185, 159

Protanopia

172, 183, 160

Deuteranopia

199, 173, 160



Tritanopia
193, 170, 183

Trichromacy



Original Color

190, 185, 159

Protanomaly

182, 186, 160

Deuteranomaly

196, 176, 160

Tritanomaly

192, 171, 174

Monochromacy



Original Color

190, 185, 159

Achromatopsia

177, 177, 177

Achromatomaly

182, 182, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 185, 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(190, 173, 159) looks like.

```
.text, #text, p{  
    color:rgb(190, 173, 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(190, 173, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 173, 159) }
```

Border

The CSS property to change the border of an element to RYB 190, 185, 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(190, 173, 159) }
```

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

```
.border{ border-color:rgb(190, 173, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 173, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 173, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 173, 159);  
box-shadow:4px 4px 4px 4px rgb(190, 173,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 190, 185, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 173, 159) }
```

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

```
.background{ background-color: rgb(190,  
173, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor