

Converting Colors

`RYB(159, 176, 158)`

Have a look what the booklet for
RYB(159, 176, 158) contains.

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Color

R_YB(159, 176, 158)

Conversions

Conversions Part 1

Format	Color
Hex	B0AF9E
RGB	176, 175, 158
RGB Percent	69%, 69%, 62%
CMY	0.3098, 0.3135, 0.3804
CMYK	0.00, 0.01, 0.10, 0.31
HSL	57°, 10%, 65%
HSV	57°, 10%, 69%
XYZ	39.4163, 42.3792, 38.4503
YIQ	173.3610, 6.0530, -5.0750

Conversions

Conversions Part 2

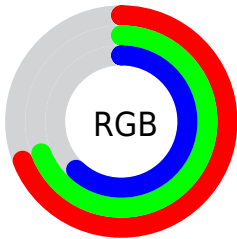
Format	Color
RYB	159, 176, 158
Decimal	11579294
CIELab	71.13, -2.70, 8.86
CIELCh	71, 9.265, 106.971
Yxy	42.3792, 0.3278, 0.3524
Android (android.graphics.Color)	4289769374 (0xFFB0AF9E)
YUV	173.3610, -7.5730, 2.3144
Hunter-Lab	65.0993, -5.8457, 10.5504

Details

The RYB color **159, 176, 158** is a light color, and the websafe version is hex **999999**. A complement of this color would be **158, 159, 176**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **215, 232, 213**, and **107, 123, 107** is the 20% darker color. If you saturate the color by 10%, you get **142, 176, 140**, and if you desaturate by 10%, it is **176, 176, 176**.

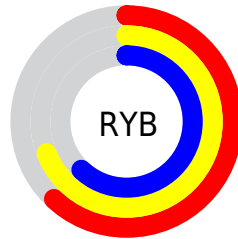
Distribution



Red (69%)

Green (69%)

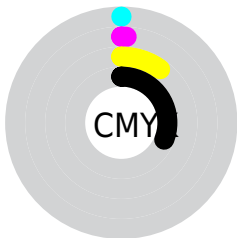
Blue (62%)



Red (62%)

Yellow (69%)

Blue (62%)

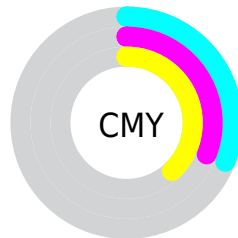


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 176, 158 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 159, 176, 158 by changing the saturation by 10% instead.

 159, 176, 158

 159, 176, 158

255, 255, 255


 133, 149, 132


 214, 232, 213


 107, 123, 107

 241, 255, 241

 83, 99, 82

 60, 75, 59

 38, 52, 38

 18, 31, 17

 0, 6, 6

 0, 0, 0

 159, 176, 158

 159, 176, 158

■ 142, 176, 140

■ 176, 176, 176

■ 126, 176, 123

■ 176, 177, 193

■ 109, 176, 105

■ 176, 178, 211

■ 93, 176, 88

■ 176, 179, 228

■ 76, 176, 70

■ 176, 180, 246

■ 59, 176, 52

■ 176, 181, 255

■ 42, 176, 35

■ 176, 182, 255

■ 25, 176, 17

■ 176, 182, 255

■ 9, 176, 0

Harmonies

Analogous

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



183, 185, 158



159, 176, 158



162, 177, 173

Triad

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



159, 176, 158



155, 168, 186



189, 169, 178

Complementary

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



159, 176, 158



158, 159, 176

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.



182, 171, 186



159, 176, 158



161, 171, 190

Square

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



159, 176, 158



154, 167, 179



171, 173, 190



193, 169, 170

Rectangle

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



159, 176, 158



160, 174, 179



171, 173, 190



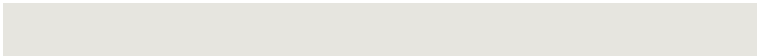
187, 169, 181

Sweetspot

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



159, 176, 158



224, 230, 223



176, 158, 159



110, 115, 110



242, 242, 242



115, 115, 115

Same Dimension

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



159, 176, 158



204, 230, 202



158, 176, 166



80, 89, 80



8, 153, 0



2, 26, 0

Inverse Universe

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



158, 159, 176



202, 203, 230



166, 158, 176



80, 81, 89



0, 8, 153



0, 1, 26

Previews

White Background



This preview shows how the RYB color 159, 176, 158 looks on a white background.

Color Contrast Check

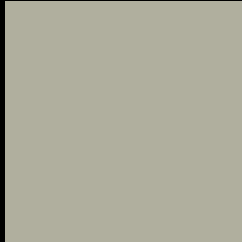
Large Text (above 18pt) WCAG AA × Fail

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 159, 176, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

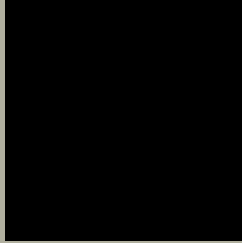
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

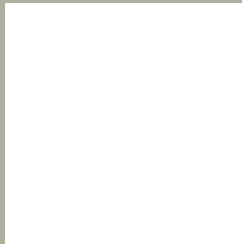
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 159, 176, 158 Background



This preview shows how black text looks on a background with the RYB color 159, 176, 158.



This preview shows how white text looks on a background with the RYB color 159, 176, 158.

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
159, 176, 158

Protanopia
169, 181, 157

Deuteranopia
196, 171, 159



Tritanopia
180, 171, 185

Trichromacy



Original Color

159, 176, 158

Protanomaly

163, 179, 157

Deuteranomaly

189, 179, 159

Tritanomaly

179, 172, 175

Monochromacy



Original Color

159, 176, 158

Achromatopsia

173, 173, 173

Achromatomaly

168, 174, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 176, 158 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(176, 175, 158) looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 158)  
}
```

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(176, 175, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 158) }
```

Border

The CSS property to change the border of an element to RYB 159, 176, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

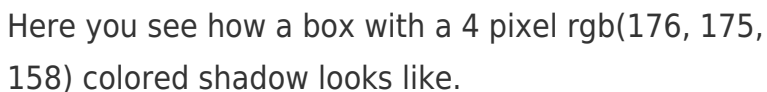
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 175, 158) }
```

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

```
.border{ border-color:rgb(176, 175, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 175, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 158);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 159, 176, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 175, 158) }
```

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

```
.background{ background-color: rgb(176,  
175, 158) }
```

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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