

Converting Colors

`RYB(176, 159, 146)`

Have a look what the booklet for
RYB(176, 159, 146) contains.

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Color

R_YB(176, 159, 146)

Conversions

Conversions Part 1

Format	Color
Hex	B09B92
RGB	176, 155, 146
RGB Percent	69%, 61%, 57%
CMY	0.3098, 0.3919, 0.4275
CMYK	0.00, 0.12, 0.17, 0.31
HSL	18°, 16%, 63%
HSV	18°, 17%, 69%
XYZ	34.8258, 34.7713, 32.0702
YIQ	160.2530, 15.4050, 1.6530

Conversions

Conversions Part 2

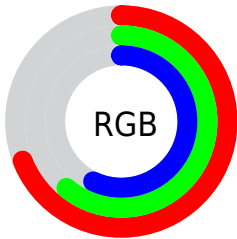
Format	Color
RYB	176, 159, 146
Decimal	11574162
CIELab	65.57, 6.19, 7.57
CIElCh	66, 9.779, 50.722
Yxy	34.7713, 0.3425, 0.3420
Android (android.graphics.Color)	4289764242 (0xFFB09B92)
YUV	160.2530, -7.0267, 13.8101
Hunter-Lab	58.9672, 2.2286, 9.0314

Details

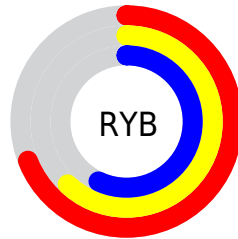
The RYB color **176, 159, 146** is a light color, and the websafe version is hex **999999**. A complement of this color would be **146, 158, 176**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **232, 213, 200**, and **123, 107, 96** is the 20% darker color. If you saturate the color by 10%, you get **176, 150, 128**, and if you desaturate by 10%, it is **176, 168, 164**.

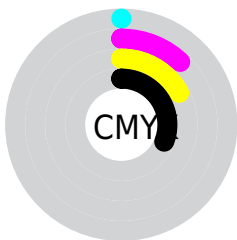
Distribution



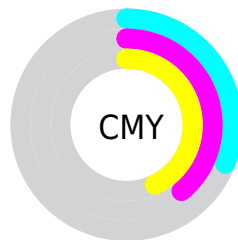
- Red (69%)
- Green (61%)
- Blue (57%)



- Red (69%)
- Yellow (62%)
- Blue (57%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (31%)



- Cyan (31%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 159, 146 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 176, 159, 146 by changing the saturation by 10% instead.

 176, 159, 146

255, 255, 255


 232, 213, 200

 255, 244, 228


 176, 159, 146

 149, 133, 120

 123, 107, 96

 98, 84, 72

 74, 61, 49

 51, 38, 28

 31, 22, 2

 0, 0, 0

 176, 159, 146


 176, 150, 128

 176, 159, 146

 176, 168, 164

 176, 140, 111


 176, 178, 181

 176, 129, 93

 176, 185, 199

 176, 119, 76

 176, 192, 216

 176, 110, 58

 176, 200, 234

 176, 99, 40

 176, 207, 252

 176, 89, 23

 176, 212, 255

 176, 80, 5

 176, 215, 255

 176, 76, 0

 176, 216, 255

Harmonies

Analogous

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



178, 154, 153



176, 159, 146



161, 169, 142

Triad

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



176, 159, 146



141, 155, 164



158, 158, 176

Complementary

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



176, 159, 146



146, 158, 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.



147, 156, 176



176, 159, 146



137, 151, 165

Square

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



176, 159, 146



148, 163, 161



139, 153, 172



168, 155, 170

Rectangle

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



176, 159, 146



146, 163, 142



139, 153, 172



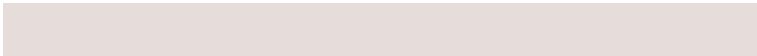
154, 158, 176

Sweetspot

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



176, 159, 146



230, 222, 218



176, 146, 167



115, 111, 108



242, 242, 242



115, 115, 115

Same Dimension

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



176, 159, 146



230, 202, 184



154, 176, 146



89, 85, 80



153, 66, 0



26, 12, 0

Inverse Universe

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



146, 158, 176



184, 203, 230



146, 151, 176



80, 84, 89



0, 63, 153



0, 11, 26

Previews

White Background



This preview shows how the RYB color 176, 159, 146 looks on a white background.

Color Contrast Check

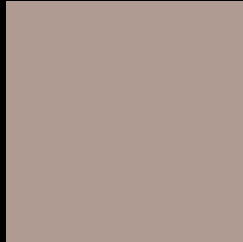
Large Text (above 18pt) WCAG AA × Fail

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 176, 159, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

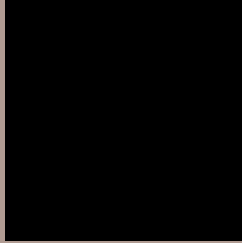
Any Text WCAG AA ✓ Pass

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 176, 159, 146 Background



This preview shows how black text looks on a background with the RYB color 176, 159, 146.



This preview shows how white text looks on a background with the RYB color 176, 159, 146.

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


176, 159, 146

Protanopia

157, 165, 148

Deuteranopia

180, 156, 146



Tritanopia
178, 152, 164

Trichromacy



Original Color

176, 159, 146

Protanomaly

169, 169, 147

Deuteranomaly

179, 157, 146

Tritanomaly

177, 153, 157

Monochromacy



Original Color

176, 159, 146

Achromatopsia

160, 160, 160

Achromatomaly

166, 159, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 159, 146 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, 155, 146) looks like.

```
.text, #text, p{  
    color:rgb(176, 155, 146)  
}
```

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, 155, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 155, 146) }
```

Border

The CSS property to change the border of an element to RYB 176, 159, 146 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, 155, 146) }
```

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

```
.border{ border-color:rgb(176, 155, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 155, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 155, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 155, 146);  
box-shadow:4px 4px 4px 4px rgb(176, 155,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 176, 159, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 155, 146) }
```

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

```
.background{ background-color: rgb(176,  
155, 146) }
```

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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