

Converting Colors

RGB(174, 166, 158)

Have a look what the booklet for
RGB(174, 166, 158) contains.

RGB(174, 166, 158)	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

RGB(174, 166, 158)

Conversions

Conversions Part 1

Format	Color
Hex	AEA69E
RGB	174, 166, 158
RGB Percent	68%, 65%, 62%
CMY	0.3176, 0.3490, 0.3804
CMYK	0.00, 0.05, 0.09, 0.32
HSL	30°, 9%, 65%
HSV	30°, 9%, 68%
XYZ	37.2633, 38.7397, 37.8613
YIQ	167.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

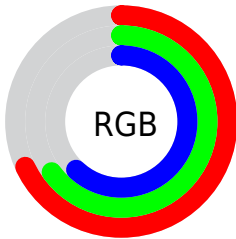
Format	Color
RYB	174, 174, 158
Decimal	11445918
CIELab	68.56, 1.45, 5.16
CIELCh	69, 5.358, 74.256
Yxy	38.7397, 0.3273, 0.3402
Android (android.graphics.Color)	4289635998 (0xFFAEA69E)
YUV	167.4800, -4.6736, 5.7180
Hunter-Lab	62.2412, -2.0557, 7.5028

Details

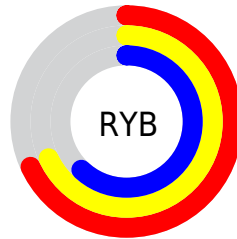
The RGB color **174, 166, 158** is a light color, and the websafe version is hex **999999**. A complement of this color would be **158, 166, 174**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **230, 221, 213**, and **122, 114, 107** is the 20% darker color. If you saturate the color by 10%, you get **174, 157, 141**, and if you desaturate by 10%, it is **174, 175, 175**.

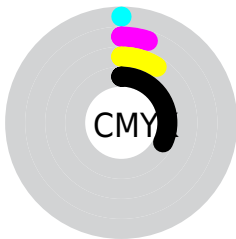
Distribution



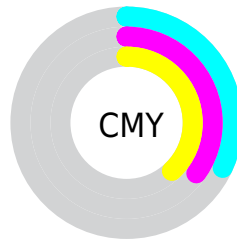
- Red (68%)
- Green (65%)
- Blue (62%)



- Red (68%)
- Yellow (68%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (32%)




- Cyan (32%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 174, 166, 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 RGB color 174, 166, 158 by changing the saturation by 10% instead.

 174, 166, 158


255, 255, 255

 230, 221, 213

 255, 250, 241

 174, 166, 158

 147, 140, 132

 122, 114, 107


 97, 90, 83


 73, 66, 60


 50, 44, 38


 29, 24, 17


 0, 0, 0

 174, 166, 158

 174, 157, 141

 174, 166, 158


 174, 175, 175

 174, 149, 123


 174, 183, 193

 174, 140, 106


 174, 192, 210

 174, 131, 88


 174, 201, 228

 174, 123, 71

 174, 210, 245

 174, 114, 54

 174, 218, 255

 174, 105, 36

 174, 227, 255

 174, 96, 19

 174, 236, 255

 174, 88, 1

 174, 244, 255

Harmonies

Analogous

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



177, 165, 161



174, 166, 158



169, 168, 158

Triad

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



174, 166, 158



156, 170, 169



171, 165, 174

Complementary

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



174, 166, 158



158, 166, 174

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.



165, 167, 177



174, 166, 158



156, 170, 174

Square

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



174, 166, 158



158, 170, 164



160, 168, 176



176, 164, 170

Rectangle

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



174, 166, 158



165, 169, 159



160, 168, 176



169, 166, 175

Sweetspot

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



174, 166, 158



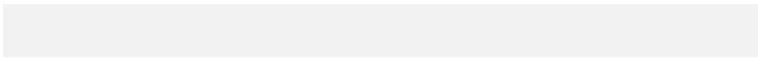
227, 224, 220



174, 158, 166



115, 112, 110



242, 242, 242



115, 115, 115

Same Dimension

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



174, 166, 158



227, 214, 202



174, 174, 158



87, 82, 78



150, 75, 0



23, 11, 0

Inverse Universe

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



158, 166, 174



202, 214, 227



158, 158, 174



78, 82, 87



0, 75, 150



0, 11, 23

Previews

White Background



This preview shows how the RGB color 174, 166, 158 looks on a white background.

Color Contrast Check

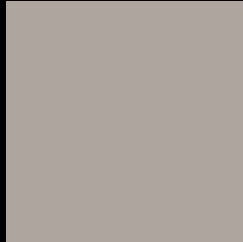
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 174, 166, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

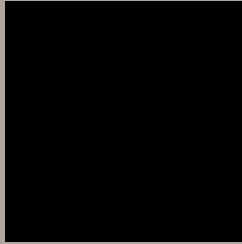
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

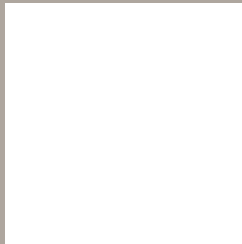
Any Text WCAG AAA ✓ Pass

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

RGB 174, 166, 158 Background



This preview shows how black text looks on a background with the RGB color 174, 166, 158.



This preview shows how white text looks on a background with the RGB color 174, 166, 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
174, 166, 158

Protanopia
172, 167, 158

Deuteranopia
186, 162, 159



Tritanopia
177, 163, 176

Trichromacy



Original Color

174, 166, 158

Protanomaly

173, 167, 158

Deuteranomaly

182, 163, 159

Tritanomaly

176, 164, 169

Monochromacy



Original Color

174, 166, 158

Achromatopsia

167, 167, 167

Achromatomaly

170, 167, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 166, 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(174, 166, 158) looks like.

```
.text, #text, p{  
    color:rgb(174, 166, 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(174, 166, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 166, 158) }
```

Border

The CSS property to change the border of an element to RGB 174, 166, 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(174, 166, 158) }
```

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

```
.border{ border-color:rgb(174, 166, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 166, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 166, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 166, 158);  
box-shadow:4px 4px 4px 4px rgb(174, 166,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 174, 166, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 166, 158) }
```

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

```
.background{ background-color: rgb(174,  
166, 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](#).

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