

Converting Colors

RGB(159, 154, 140)

Have a look what the booklet for
RGB(159, 154, 140) contains.

RGB(159, 154, 140)	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(159, 154, 140)

Conversions

Conversions Part 1

Format	Color
Hex	9F9A8C
RGB	159, 154, 140
RGB Percent	62%, 60%, 55%
CMY	0.3765, 0.3961, 0.4510
CMYK	0.00, 0.03, 0.12, 0.38
HSL	44°, 9%, 59%
HSV	44°, 12%, 62%
XYZ	30.5873, 32.3756, 29.4479
YIQ	153.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

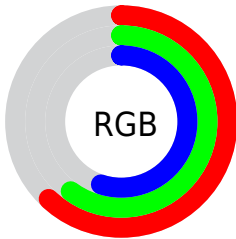
Format	Color
RYB	147, 159, 140
Decimal	10459788
CIELab	63.65, -0.69, 7.99
CIElCh	64, 8.022, 94.922
Yxy	32.3756, 0.3310, 0.3503
Android (android.graphics.Color)	4288649868 (0xFF9F9A8C)
YUV	153.8990, -6.8522, 4.4736
Hunter-Lab	56.8995, -3.6185, 9.1446

Details

The RGB color **159, 154, 140** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **140, 145, 159**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **214, 208, 194**, and **108, 103, 90** is the 20% darker color. If you saturate the color by 10%, you get **159, 150, 124**, and if you desaturate by 10%, it is **159, 158, 156**.

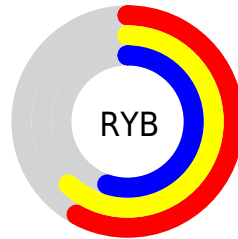
Distribution



Red (62%)

Green (60%)

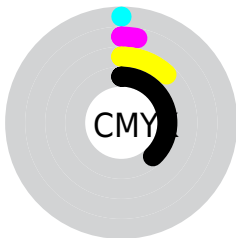
Blue (55%)



Red (58%)

Yellow (62%)

Blue (55%)

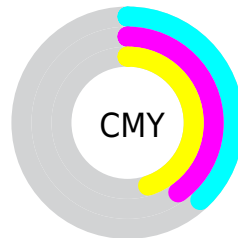


Cyan (0%)

Magenta (3%)

Yellow (12%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 154, 140 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 159, 154, 140 by changing the saturation by 10% instead.


 159, 154, 140

255, 255, 255


 214, 208, 194


 242, 237, 221

 255, 255, 250


 159, 154, 140

 133, 128, 115

 108, 103, 90

 83, 79, 67

 60, 56, 44

 38, 35, 24

 17, 13, 0

 0, 0, 0

 159, 154, 140

 159, 150, 124

 159, 154, 140

 159, 158, 156

 159, 146, 108

 159, 162, 172

 159, 141, 92

 159, 167, 188

 159, 137, 76

 159, 171, 204

 159, 133, 61


 159, 175, 220

 159, 129, 45

 159, 179, 235

 159, 125, 29

 159, 183, 251

 159, 121, 13

 159, 187, 255

 159, 117, 0

 159, 192, 255

Harmonies

Analogous

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



166, 152, 141



159, 154, 140



151, 156, 142

Triad

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



159, 154, 140



137, 158, 162



165, 150, 160

Complementary

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



159, 154, 140



140, 145, 159

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.



157, 152, 166



159, 154, 140



141, 157, 167

Square

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



159, 154, 140



138, 159, 155



148, 154, 168



169, 149, 153

Rectangle

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



159, 154, 140



145, 157, 146



148, 154, 168



162, 151, 162

Sweetspot

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



159, 154, 140



207, 204, 198



159, 140, 145



105, 103, 99



232, 232, 232



105, 105, 105

Same Dimension

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



159, 154, 140



207, 199, 178



155, 159, 140



79, 77, 71



143, 105, 0



15, 11, 0

Inverse Universe

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



140, 145, 159



178, 185, 207



144, 140, 159



71, 73, 79



0, 38, 143



0, 4, 15

Previews

White Background



This preview shows how the RGB color 159, 154, 140 looks on a white background.

Color Contrast Check

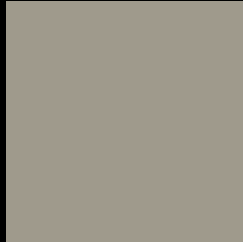
Large Text (above 18pt) WCAG AA × Fail

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 159, 154, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

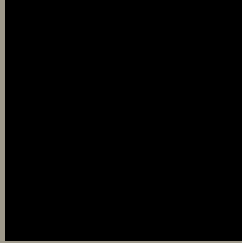
Any Text WCAG AA ✓ Pass

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 159, 154, 140 Background



This preview shows how black text looks on a background with the RGB color 159, 154, 140.

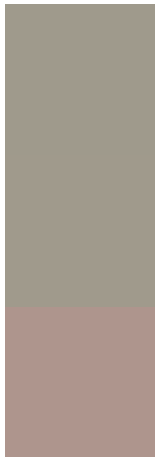


This preview shows how white text looks on a background with the RGB color 159, 154, 140.

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, 154, 140

Protanopia
160, 154, 140

Deuteranopia
174, 149, 141



Tritanopia
162, 151, 163

Trichromacy



Original Color

159, 154, 140

Protanomaly

160, 154, 140

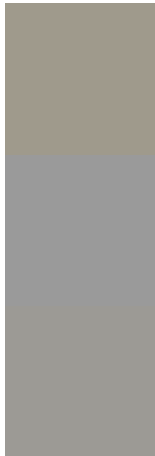
Deuteranomaly

169, 151, 141

Tritanomaly

161, 152, 155

Monochromacy



Original Color

159, 154, 140

Achromatopsia

154, 154, 154

Achromatomaly

156, 154, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 154, 140 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(159, 154, 140) looks like.

```
.text, #text, p{  
    color:rgb(159, 154, 140)  
}
```

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(159, 154, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 154, 140) }
```

Border

The CSS property to change the border of an element to RGB 159, 154, 140 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(159, 154, 140) }
```

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

```
.border{ border-color:rgb(159, 154, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 154, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 154, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 154, 140);  
box-shadow:4px 4px 4px 4px rgb(159, 154,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 159, 154, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 154, 140) }
```

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

```
.background{ background-color: rgb(159,  
154, 140) }
```

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