Converting Colors

RGB(159, 154, 150)

Have a look what the booklet for RGB(159, 154, 150) contains.

Color

RGB(159, 154, 150)

Conversions

Format	Color
	Conversions Part 1
Hex	9F9A96
RGB	159, 154, 150
RGB Percent	62%, 60%, 59%
CMY	0.3765, 0.3961, 0.4118
CMYK	0.00, 0.03, 0.06, 0.38
HSL	27°, 4%, 61%
HSV	27°, 6%, 62%
XYZ	31.3587, 32.6841, 33.5101
YIQ	155.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

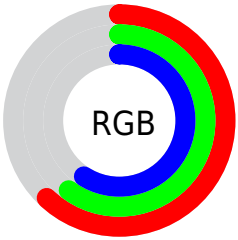
Format	Color
RYB	159, 157, 150
Decimal	10459798
CIELab	63.90, 1.08, 2.73
CIELCh	64, 2.940, 68.433
Yxy	32.6841, 0.3215, 0.3350
Android (android.graphics.Color)	4288649878 (0xFF9F9A96)
YUV	155.0390, -2.4842, 3.4738
Hunter-Lab	57.1700, -2.1374, 5.2664

Details

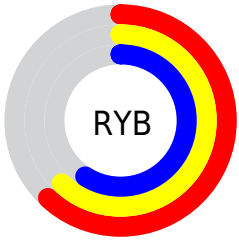
The RGB color 159, 154, 150 is a light color, and the websafe version is hex 999999. A complement of this color would be 150, 155, 159, and the grayscale version is 155, 155, 155.

A 20% lighter version of the original color is 214, 208, 204, and 108, 103, 99 is the 20% darker color. If you saturate the color by 10%, you get 159, 145, 134, and if you desaturate by 10%, it is 159, 163, 166.

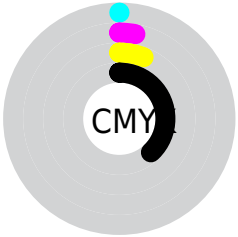
Distribution



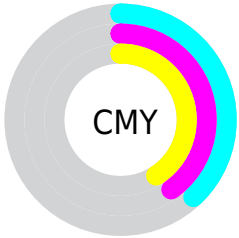
- Red (62%)
- Green (60%)
- Blue (59%)



- Red (62%)
- Yellow (62%)
- Blue (59%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 154, 150 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, 150 by changing the saturation by 10% instead.

159, 154, 150

255, 255, 255

214, 208, 204

242, 237, 232

159, 154, 150

133, 128, 124

108, 103, 99

83, 79, 75

60, 56, 53

39, 35, 32

18, 13, 8

0, 0, 0

159, 154, 150

159, 145, 134

159, 154, 150

159, 163, 166

159, 136, 118

159, 127, 102

159, 119, 86

159, 110, 71

159, 101, 55

159, 92, 39

159, 83, 23

159, 74, 7

159, 172, 182

159, 181, 198

159, 189, 214

159, 198, 230

159, 207, 245

159, 216, 255

159, 225, 255

159, 234, 255

Harmonies

Analogous

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

161, 153, 152

159, 154, 150

156, 155, 150

Triad

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

159, 154, 150

149, 156, 155

156, 154, 159

Complementary

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

159, 154, 150

150, 155, 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.

153, 155, 160

159, 154, 150

149, 156, 158

Square

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

159, 154, 150

150, 156, 153

150, 156, 160

159, 153, 157

Rectangle

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

159, 154, 150

154, 155, 150

150, 156, 160

155, 154, 159

Sweetspot

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

159, 154, 150

207, 204, 202

159, 150, 155

105, 103, 102

232, 232, 232

105, 105, 105

Same Dimension

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

159, 154, 150

207, 199, 192

159, 158, 150

79, 76, 73

143, 63, 0

15, 7, 0

Inverse Universe

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

150, 155, 159

192, 200, 207

150, 151, 159

73, 76, 79

0, 79, 143

0, 9, 15

Previews

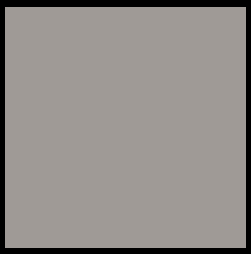
White Background

This preview shows how the RGB color 159, 154, 150 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



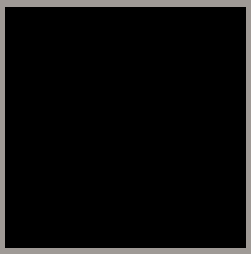
This preview shows how the RGB color 159, 154, 150 looks on a black background.

Color Contrast Check

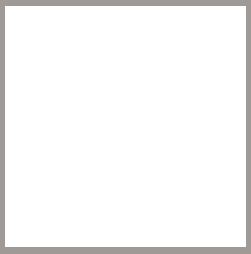
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 159, 154, 150 Background



This preview shows how black text looks on a background with the RGB color 159, 154, 150.



This preview shows how white text looks on a background with the RGB color 159, 154, 150.

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

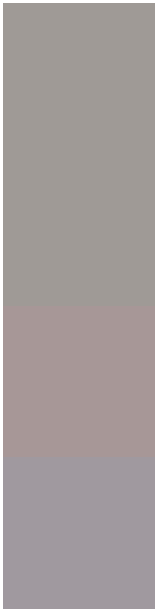
Original Color
159, 154, 150

Protanopia
159, 154, 150

Deuteranopia
171, 150, 151

Tritanopia
161, 152, 164

Trichromacy



Original Color
159, 154, 150

Protanomaly
159, 154, 150

Deuteranomaly
167, 151, 151

Tritanomaly
160, 153, 159

Monochromacy

Original Color
159, 154, 150

Achromatopsia
155, 155, 155

Achromatomaly
156, 155, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 154, 150 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, 150) looks like.

```
.text, #text, p{
    color:rgb(159, 154, 150)
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 154, 150) }
```

Border

The CSS property to change the border of an element to RGB 159, 154, 150 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, 150) }
```

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

```
.border{ border-color:rgb(159, 154, 150) }
```

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, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 154, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 154, 150); box-shadow:4px 4px 4px 4px rgb(159, 154, 150) }
```

Background

The CSS property to change the background color of an element to RGB 159, 154, 150 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, 150) }
```

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

```
.background{ background-color:rgb(159,
154, 150) }
```

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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