Converting Colors

RGB(159, 160, 114)

Have a look what the booklet for RGB(159, 160, 114) contains.

Color

RGB(159, 160, 114)

Conversions

Conversions Part 1

Format	Color
Hex	9FA072
RGB	159, 160, 114
RGB Percent	62%, 63%, 45%
CMY	0.3765, 0.3725, 0.5529
CMYK	0.01, 0.00, 0.29, 0.37
HSL	61°, 19%, 54%
HSV	61°, 29%, 63%
XYZ	29.9061, 33.7274, 20.8534
YIQ	154.4570, 14.1700, -14.5180

Conversions

Conversions Part 2

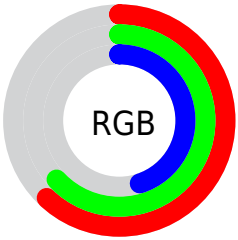
Format	Color
RYB	114, 160, 115
Decimal	10461298
CIELab	64.75, -7.96, 23.93
CIELCh	65, 25.223, 108.407
Yxy	33.7274, 0.3540, 0.3992
Android (android.graphics.Color)	4288651378 (0xFF9FA072)
YUV	154.4570, -19.9453, 3.9842
Hunter-Lab	58.0753, -9.7125, 19.3632

Details

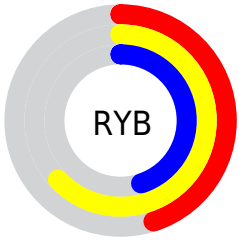
The RGB color 159, 160, 114 is a dark color, and the websafe version is hex 999966. A complement of this color would be 115, 114, 160, and the grayscale version is 155, 155, 155.

A 20% lighter version of the original color is 214, 215, 166, and 107, 109, 65 is the 20% darker color. If you saturate the color by 10%, you get 159, 160, 98, and if you desaturate by 10%, it is 159, 160, 130.

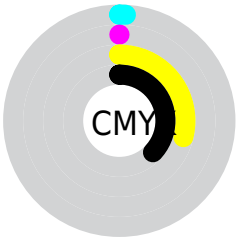
Distribution



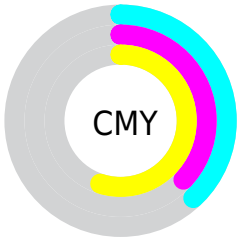
- Red (62%)
- Green (63%)
- Blue (45%)



- Red (45%)
- Yellow (63%)
- Blue (45%)



- Cyan (1%)
- Magenta (0%)
- Yellow (29%)
- Black (37%)



- Cyan (38%)
- Magenta (37%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 160, 114 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, 160, 114 by changing the saturation by 10% instead.

159, 160, 114

255, 255, 255

214, 215, 166

243, 243, 194

255, 255, 222

255, 255, 250

159, 160, 114

133, 134, 89

107, 109, 65

82, 84, 43

58, 61, 21

37, 39, 0

6, 20, 0

0, 0, 0

159, 160, 114

159, 160, 98

159, 160, 114

159, 160, 130

158, 160, 82

158, 160, 66

158, 160, 50

157, 160, 34

157, 160, 18

157, 160, 2

157, 160, 0

160, 160, 146

160, 160, 162

160, 160, 178

161, 160, 194

161, 160, 210

161, 160, 226

162, 160, 242

162, 160, 255

Harmonies

Analogous

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

181, 153, 113

159, 160, 114

133, 166, 127

Triad

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

159, 160, 114

93, 167, 190

196, 141, 167

Complementary

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

159, 160, 114

115, 114, 160

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.

177, 147, 187

159, 160, 114

117, 162, 201

Square

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

159, 160, 114

91, 170, 170

149, 154, 200

203, 141, 144

Rectangle

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

159, 160, 114

116, 168, 140

149, 154, 200

191, 143, 174

Sweetspot

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

159, 160, 114

209, 209, 190

160, 115, 114

104, 105, 93

232, 232, 232

105, 105, 105

Same Dimension

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

159, 160, 114

208, 209, 136

136, 160, 114

79, 79, 71

140, 143, 0

15, 15, 0

Inverse Universe

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

115, 114, 160

138, 136, 209

138, 114, 160

71, 71, 79

3, 0, 143

0, 0, 15

Previews

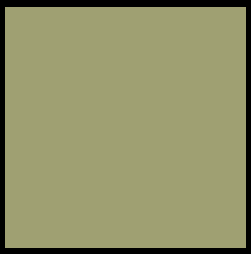
White Background

This preview shows how the RGB color 159, 160, 114 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



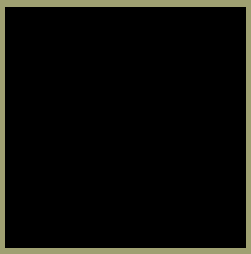
This preview shows how the RGB color 159, 160, 114 looks on a black background.

Color Contrast Check

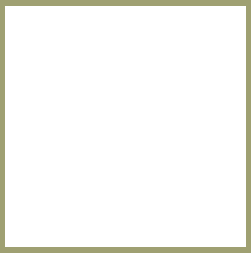
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 159, 160, 114 Background



This preview shows how black text looks on a background with the RGB color 159, 160, 114.



This preview shows how white text looks on a background with the RGB color 159, 160, 114.

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, 160, 114

Protanopia
169, 157, 113

Deuteranopia
185, 150, 116

Tritanopia
165, 153, 165

Trichromacy

Original Color
159, 160, 114

Protanomaly
165, 158, 113

Deuteranomaly
176, 154, 115

Tritanomaly
163, 156, 146

Monochromacy

Original Color
159, 160, 114

Achromatopsia
154, 154, 154

Achromatomaly
156, 156, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 160, 114 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, 160, 114) looks like.

```
.text, #text, p{
    color:rgb(159, 160, 114)
}
```

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, 160, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 160, 114) }
```

Border

The CSS property to change the border of an element to RGB 159, 160, 114 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, 160, 114) }
```

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

```
.border{ border-color:rgb(159, 160, 114) }
```

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

Here you see how a box with a 4 pixel rgb(159, 160, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 160, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 160, 114); box-shadow:4px 4px 4px 4px rgb(159, 160, 114) }
```

Background

The CSS property to change the background color of an element to RGB 159, 160, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(159, 160, 114) }
```

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

```
.background{ background-color:rgb(159,
160, 114) }
```

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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