

Converting Colors

RGB(158, 160, 103)

Have a look what the booklet for
RGB(158, 160, 103) contains.

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Color

RGB(158, 160, 103)

Conversions

Conversions Part 1

Format	Color
Hex	9EA067
RGB	158, 160, 103
RGB Percent	62%, 63%, 40%
CMY	0.3804, 0.3725, 0.5961
CMYK	0.01, 0.00, 0.36, 0.37
HSL	62°, 23%, 52%
HSV	62°, 36%, 63%
XYZ	29.1195, 33.3900, 17.7421
YIQ	152.9040, 17.1050, -18.1510

Conversions

Conversions Part 2

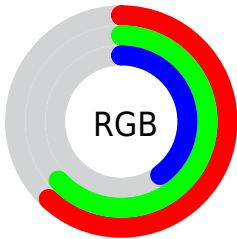
Format	Color
RYB	103, 160, 105
Decimal	10395751
CIELab	64.48, -9.81, 29.51
CIELCh	64, 31.099, 108.384
Yxy	33.3900, 0.3629, 0.4161
Android (android.graphics.Color)	4288585831 (0xFF9EA067)
YUV	152.9040, -24.6027, 4.4692
Hunter-Lab	57.7841, -11.1693, 22.2444

Details

The RGB color **158, 160, 103** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **105, 103, 160**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **213, 215, 155**, and **106, 109, 55** is the 20% darker color. If you saturate the color by 10%, you get **157, 160, 87**, and if you desaturate by 10%, it is **159, 160, 119**.

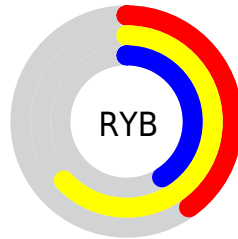
Distribution



Red (62%)

Green (63%)

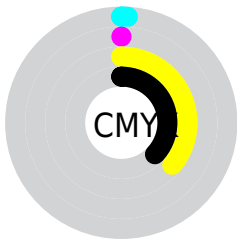
Blue (40%)



Red (40%)

Yellow (63%)

Blue (41%)

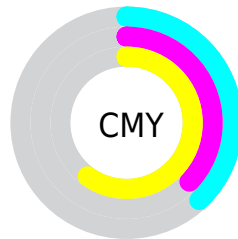


Cyan (1%)

Magenta (0%)

Yellow (36%)

Black (37%)



Cyan (38%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 160, 103 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 158, 160, 103 by changing the saturation by 10% instead.

 158, 160, 103

255, 255, 255


 213, 215, 155

 242, 243, 182


 255, 255, 210

 255, 255, 238

 158, 160, 103


 131, 134, 78

 106, 109, 55

 81, 84, 32

 57, 61, 9

 34, 40, 0

 0, 20, 0


 0, 0, 0

 158, 160, 103


 157, 160, 87


 158, 160, 103


 159, 160, 119


 157, 160, 71


 159, 160, 135


 156, 160, 55

 160, 160, 151


 156, 160, 39

 160, 160, 167


 155, 160, 23


 161, 160, 183

 155, 160, 7

 161, 160, 199

 154, 160, 0

 162, 160, 215

 162, 160, 231

 163, 160, 247

Harmonies

Analogous

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



185, 151, 102



158, 160, 103



126, 167, 119

Triad

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



158, 160, 103



66, 169, 197



204, 136, 168

Complementary

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



158, 160, 103



105, 103, 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.



181, 143, 193



158, 160, 103



102, 162, 210

Square

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



158, 160, 103



64, 171, 173



145, 153, 209



212, 136, 140

Rectangle

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



158, 160, 103



104, 170, 135



145, 153, 209



198, 138, 177

Sweetspot

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



158, 160, 103



208, 209, 186



160, 105, 103



104, 105, 91



232, 232, 232



105, 105, 105

Same Dimension

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



158, 160, 103



206, 209, 119



130, 160, 103



79, 79, 71



138, 143, 0



15, 15, 0

Inverse Universe

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



105, 103, 160



122, 119, 209



133, 103, 160



71, 71, 79



5, 0, 143



1, 0, 15

Previews

White Background



This preview shows how the RGB color 158, 160, 103 looks on a white background.

Color Contrast Check

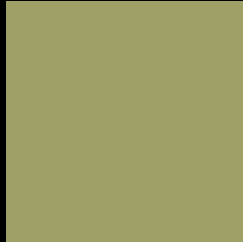
Large Text (above 18pt) WCAG AA × Fail

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 158, 160, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

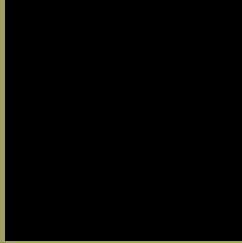
Any Text WCAG AA ✓ Pass

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 158, 160, 103 Background



This preview shows how black text looks on a background with the RGB color 158, 160, 103.




This preview shows how white text looks on a background with the RGB color 158, 160, 103.

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





Tritanopia
165, 152, 164

Trichromacy



Original Color
158, 160, 103

Protanomaly
166, 157, 102

Deuteranomaly
176, 153, 104

Tritanomaly
162, 155, 142

Monochromacy



Original Color
158, 160, 103

Achromatopsia
153, 153, 153

Achromatomaly
155, 156, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 160, 103 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(158, 160, 103)` looks like.

```
.text, #text, p{  
    color:rgb(158, 160, 103)  
}
```

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(158, 160, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 160, 103) }
```

Border

The CSS property to change the border of an element to RGB 158, 160, 103 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(158, 160, 103) }
```

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

```
.border{ border-color:rgb(158, 160, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 160, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 160, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 160, 103);  
box-shadow:4px 4px 4px 4px rgb(158, 160,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 158, 160, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 160, 103) }
```

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

```
.background{ background-color: rgb(158,  
160, 103) }
```

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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