

Converting Colors

RGB(159, 160, 51)

Have a look what the booklet for
RGB(159, 160, 51) contains.

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Color

RGB(159, 160, 51)

Conversions

Conversions Part 1

Format	Color
Hex	9FA033
RGB	159, 160, 51
RGB Percent	62%, 63%, 20%
CMY	0.3765, 0.3725, 0.8000
CMYK	0.01, 0.00, 0.68, 0.37
HSL	61°, 52%, 41%
HSV	61°, 68%, 63%
XYZ	27.4664, 32.7516, 8.0060
YIQ	147.2750, 34.3930, -34.1110

Conversions

Conversions Part 2

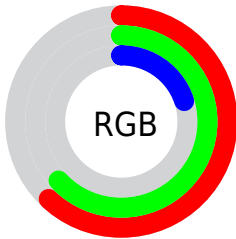
Format	Color
RYB	51, 160, 52
Decimal	10461235
CIELab	63.96, -14.09, 54.07
CIELCh	64, 55.877, 104.601
Yxy	32.7516, 0.4026, 0.4801
Android (android.graphics.Color)	4288651315 (0xFF9FA033)
YUV	147.2750, -47.4636, 10.2828
Hunter-Lab	57.2290, -14.4816, 31.7659

Details

The RGB color **159, 160, 51** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **52, 51, 160**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **216, 215, 104**, and **104, 109, 0** is the 20% darker color. If you saturate the color by 10%, you get **159, 160, 35**, and if you desaturate by 10%, it is **159, 160, 67**.

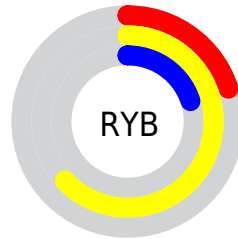
Distribution



Red (62%)

Green (63%)

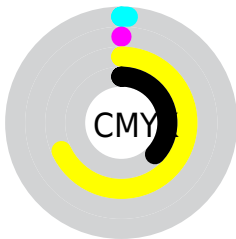
Blue (20%)



Red (20%)

Yellow (63%)

Blue (20%)

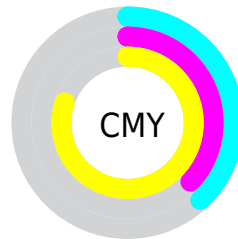


Cyan (1%)

Magenta (0%)

Yellow (68%)

Black (37%)



Cyan (38%)

Magenta (37%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 160, 51 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, 51 by changing the saturation by 10% instead.



159, 160, 51



159, 160, 51

255, 255, 255



131, 134, 21



216, 215, 104



104, 109, 0



246, 243, 131



78, 85, 0



255, 255, 158



52, 62, 0



255, 255, 186



27, 40, 0



255, 255, 214



0, 21, 0



255, 255, 243



0, 0, 0



159, 160, 51



159, 160, 51



159, 160, 35



159, 160, 67

■ 159, 160, 19

■ 159, 160, 83

■ 159, 160, 3

■ 159, 160, 99

■ 159, 160, 0

■ 160, 160, 115

■ 160, 160, 131

■ 160, 160, 147

■ 160, 160, 163

■ 160, 160, 179

■ 160, 160, 195

Harmonies

Analogous

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



204, 143, 55



159, 160, 51



103, 171, 80

Triad

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



159, 160, 51



0, 177, 224



233, 114, 183

Complementary

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



159, 160, 51



52, 51, 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.



189, 132, 226



159, 160, 51



0, 168, 251

Square

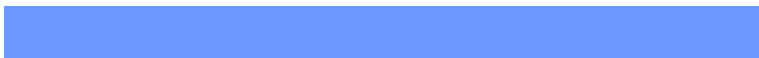
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



159, 160, 51



0, 179, 179



109, 152, 252



247, 111, 133

Rectangle

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



159, 160, 51



42, 176, 110



109, 152, 252



222, 119, 199

Sweetspot

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



159, 160, 51



209, 209, 167



160, 51, 51



104, 105, 79



232, 232, 232



105, 105, 105

Same Dimension

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



159, 160, 51



208, 209, 38



106, 160, 51



79, 79, 71



141, 143, 0



15, 15, 0

Inverse Universe

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



52, 51, 160



39, 38, 209



106, 51, 160



71, 71, 79



1, 0, 143



0, 0, 15

Previews

White Background



This preview shows how the RGB color 159, 160, 51 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, 51 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, 51 Background



This preview shows how black text looks on a background with the RGB color 159, 160, 51.



This preview shows how white text looks on a background with the RGB color 159, 160, 51.

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, 51

Protanopia

173, 155, 50

Deuteranopia

193, 147, 56



Tritanopia
169, 150, 161

Trichromacy



Original Color
159, 160, 51

Protanomaly
168, 157, 50

Deuteranomaly
181, 152, 54

Tritanomaly
165, 154, 121

Monochromacy



Original Color
159, 160, 51

Achromatopsia
147, 147, 147

Achromatomaly
151, 152, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 160, 51 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(159, 160, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 160, 51) }
```

Border

The CSS property to change the border of an element to RGB 159, 160, 51 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, 51) }
```

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

```
.border{ border-color:rgb(159, 160, 51) }
```

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, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 160, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 160, 51);  
box-shadow:4px 4px 4px 4px rgb(159, 160,  
51) }
```

Background

The CSS property to change the background color of an element to RGB 159, 160, 51 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, 51) }
```

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

```
.background{ background-color: rgb(159,  
160, 51) }
```

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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