

Converting Colors

RGB(50, 154, 103)

Have a look what the booklet for
RGB(50, 154, 103) contains.

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Color

RGB(50, 154, 103)

Conversions

Conversions Part 1

Format	Color
Hex	329A67
RGB	50, 154, 103
RGB Percent	20%, 60%, 40%
CMY	0.8039, 0.3961, 0.5961
CMYK	0.68, 0.00, 0.33, 0.40
HSL	151°, 51%, 40%
HSV	151°, 68%, 60%
XYZ	15.3192, 24.7686, 16.8054
YIQ	117.0900, -45.6130, -37.9090

Conversions

Conversions Part 2

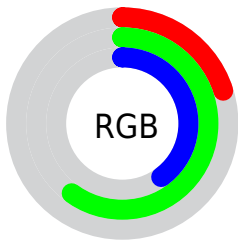
Format	Color
RYB	50, 119, 154
Decimal	3316327
CIELab	56.85, -41.90, 18.32
CIELCh	57, 45.731, 156.384
Yxy	24.7686, 0.2693, 0.4354
Android (android.graphics.Color)	4281506407 (0xFF329A67)
YUV	117.0900, -6.9464, -58.8379
Hunter-Lab	49.7680, -32.1497, 14.8169

Details

The RGB color **50, 154, 103** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **154, 50, 101**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **109, 209, 154**, and **0, 102, 56** is the 20% darker color. If you saturate the color by 10%, you get **35, 154, 95**, and if you desaturate by 10%, it is **65, 154, 111**.

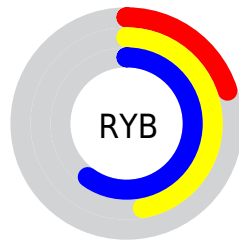
Distribution



Red (20%)

Green (60%)

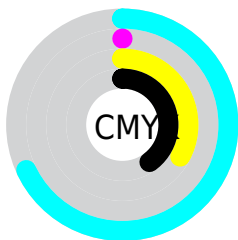
Blue (40%)



Red (20%)

Yellow (47%)

Blue (60%)

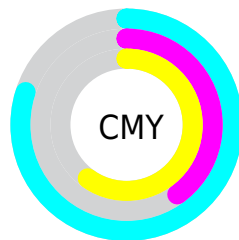


Cyan (68%)

Magenta (0%)

Yellow (33%)

Black (40%)



Cyan (80%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 50, 154, 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 50, 154, 103 by changing the saturation by 10% instead.



50, 154, 103



50, 154, 103

255, 255, 255



6, 127, 79



109, 209, 154



0, 102, 56



137, 238, 181



0, 77, 34



165, 255, 209



0, 53, 12



194, 255, 237



0, 32, 0



223, 255, 255



0, 0, 0

253, 255, 255



50, 154, 103



50, 154, 103



35, 154, 95



65, 154, 111

■ 19, 154, 88

■ 81, 154, 118

■ 4, 154, 80

■ 96, 154, 126

■ 0, 154, 78

■ 112, 154, 133

■ 127, 154, 141

■ 142, 154, 148

■ 158, 154, 156

■ 173, 154, 163

■ 189, 154, 171

Harmonies

Analogous

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



109, 148, 69



50, 154, 103



0, 156, 144

Triad

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



50, 154, 103



80, 138, 216



206, 109, 91

Complementary

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



50, 154, 103



154, 50, 101

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.



210, 102, 129



50, 154, 103



150, 123, 201

Square

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



50, 154, 103



0, 149, 209



192, 108, 169



185, 123, 63

Rectangle

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



50, 154, 103



0, 156, 171



192, 108, 169



210, 105, 103

Sweetspot

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



50, 154, 103



161, 201, 182



102, 154, 50



78, 102, 90



230, 230, 230



102, 102, 102

Same Dimension

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



50, 154, 103



38, 201, 121



50, 154, 154



69, 77, 73



0, 140, 71



0, 13, 6

Inverse Universe

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



154, 50, 101



201, 38, 118



154, 50, 50



77, 69, 73



140, 0, 69



13, 0, 6

Previews

White Background



This preview shows how the RGB color 50, 154, 103 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 154, 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 50, 154, 103 Background



This preview shows how black text looks on a background with the RGB color 50, 154, 103.



This preview shows how white text looks on a background with the RGB color 50, 154, 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



Original Color
50, 154, 103

Protanopia
146, 135, 95

Deuteranopia
158, 130, 108



Tritanopia
71, 147, 159

Trichromacy



Original Color

50, 154, 103



Protanomaly

111, 142, 98



Deuteranomaly

119, 139, 106



Tritanomaly

63, 150, 139

Monochromacy



Original Color

50, 154, 103



Achromatopsia

117, 117, 117



Achromatomaly

93, 130, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 50, 154, 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(50, 154, 103)` looks like.

```
.text, #text, p{  
    color:rgb(50, 154, 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(50, 154, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 154, 103) }
```

Border

The CSS property to change the border of an element to RGB 50, 154, 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(50, 154, 103) }
```

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

```
.border{ border-color:rgb(50, 154, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 154, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 154, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 154, 103);  
box-shadow:4px 4px 4px 4px rgb(50, 154,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 50, 154, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 154, 103) }
```

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

```
.background{ background-color: rgb(50, 154,  
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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