

Converting Colors

RGB(103, 152, 107)

Have a look what the booklet for
RGB(103, 152, 107) contains.

RGB(103, 152, 107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(103, 152, 107)

Conversions

Conversions Part 1

Format	Color
Hex	67986B
RGB	103, 152, 107
RGB Percent	40%, 60%, 42%
CMY	0.5961, 0.4039, 0.5804
CMYK	0.32, 0.00, 0.30, 0.40
HSL	125°, 19%, 50%
HSV	125°, 32%, 60%
XYZ	19.4756, 26.4016, 17.9795
YIQ	132.2190, -14.7590, -24.3830

Conversions

Conversions Part 2

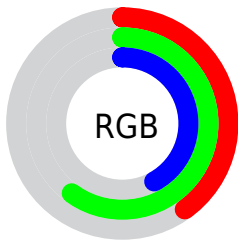
Format	Color
RYB	103, 148, 152
Decimal	6789227
CIELab	58.42, -25.99, 18.58
CIELCh	58, 31.946, 144.437
Yxy	26.4016, 0.3050, 0.4135
Android (android.graphics.Color)	4284979307 (0xFF67986B)
YUV	132.2190, -12.4330, -25.6251
Hunter-Lab	51.3825, -22.2621, 15.2213

Details

The RGB color **103, 152, 107** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **152, 103, 148**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **156, 207, 159**, and **53, 101, 59** is the 20% darker color. If you saturate the color by 10%, you get **88, 152, 93**, and if you desaturate by 10%, it is **118, 152, 121**.

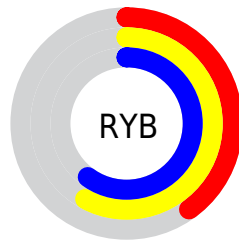
Distribution



Red (40%)

Green (60%)

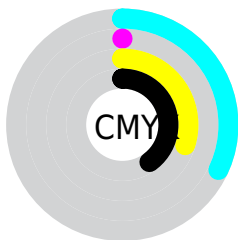
Blue (42%)



Red (40%)

Yellow (58%)

Blue (60%)

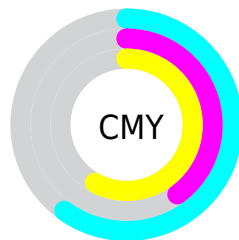


Cyan (32%)

Magenta (0%)

Yellow (30%)

Black (40%)



Cyan (60%)

Magenta (40%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 152, 107 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 103, 152, 107 by changing the saturation by 10% instead.

 103, 152, 107

255, 255, 255

 156, 207, 159

 183, 235, 186

 211, 255, 213

 239, 255, 242

 103, 152, 107

 78, 126, 83

 53, 101, 59

 29, 76, 37

 1, 53, 16

 0, 33, 0


 0, 0, 0


 103, 152, 107

 88, 152, 93

 73, 152, 79

 103, 152, 107

 118, 152, 121

 133, 152, 135

■ 57, 152, 65

■ 149, 152, 149

■ 42, 152, 51

■ 164, 152, 163

■ 27, 152, 37

■ 179, 152, 177

■ 12, 152, 23

■ 194, 152, 191

■ 0, 152, 12

■ 209, 152, 205

■ 225, 152, 219

■ 240, 152, 233

Harmonies

Analogous

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



136, 146, 89



103, 152, 107



67, 155, 134

Triad

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



103, 152, 107



91, 145, 196



195, 120, 119

Complementary

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



103, 152, 107



152, 103, 148

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.



191, 119, 147



103, 152, 107



136, 135, 191

Square

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



103, 152, 107



44, 152, 185



171, 125, 173



185, 127, 96

Rectangle

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



103, 152, 107



41, 156, 153



171, 125, 173



195, 119, 128

Sweetspot

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



103, 152, 107



177, 196, 178



149, 152, 103



88, 99, 88



227, 227, 227



99, 99, 99

Same Dimension

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



103, 152, 107



120, 196, 126



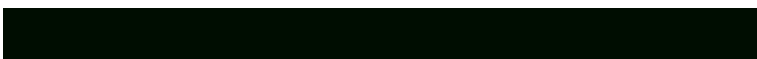
103, 152, 131



69, 77, 69



0, 140, 11



0, 13, 1

Inverse Universe

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



152, 103, 148



196, 120, 190



152, 103, 124



77, 69, 76



140, 0, 129



13, 0, 12

Previews

White Background



This preview shows how the RGB color 103, 152, 107 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 103, 152, 107 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 103, 152, 107 Background



This preview shows how black text looks on a background with the RGB color 103, 152, 107.



This preview shows how white text looks on a background with the RGB color 103, 152, 107.

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
103, 152, 107

Protanopia
150, 140, 102

Deuteranopia
163, 134, 111



Tritanopia
113, 146, 157

Trichromacy



Original Color
103, 152, 107

Protanomaly
133, 144, 104

Deuteranomaly
141, 141, 110

Tritanomaly
109, 148, 139

Monochromacy



Original Color
103, 152, 107

Achromatopsia
132, 132, 132

Achromatomaly
121, 139, 123

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 152, 107 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(103, 152, 107)` looks like.

```
.text, #text, p{  
    color:rgb(103, 152, 107)  
}
```

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(103, 152, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 152, 107) }
```

Border

The CSS property to change the border of an element to RGB 103, 152, 107 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(103, 152, 107) }
```

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

```
.border{ border-color:rgb(103, 152, 107) }
```

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

Here you see how a box with a 4 pixel rgb(103, 152, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 152, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 152, 107);  
box-shadow:4px 4px 4px 4px rgb(103, 152,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 103, 152, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 152, 107) }
```

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

```
.background{ background-color: rgb(103,  
152, 107) }
```

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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