

Converting Colors

RGB(103, 155, 106)

Have a look what the booklet for
RGB(103, 155, 106) contains.

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Color

RGB(103, 155, 106)

Conversions

Conversions Part 1

Format	Color
Hex	679B6A
RGB	103, 155, 106
RGB Percent	40%, 61%, 42%
CMY	0.5961, 0.3922, 0.5843
CMYK	0.34, 0.00, 0.32, 0.39
HSL	123°, 21%, 51%
HSV	123°, 34%, 61%
XYZ	19.9164, 27.3669, 17.8683
YIQ	133.8660, -15.2630, -26.2630

Conversions

Conversions Part 2

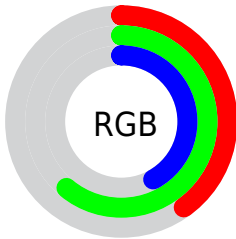
Format	Color
RYB	103, 152, 155
Decimal	6789994
CIELab	59.31, -27.64, 20.35
CIElCh	59, 34.326, 143.638
Yxy	27.3669, 0.3057, 0.4200
Android (android.graphics.Color)	4284980074 (0xFF679B6A)
YUV	133.8660, -13.7379, -27.0695
Hunter-Lab	52.3133, -23.5910, 16.3681

Details

The RGB color **103, 155, 106** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **155, 103, 152**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **156, 210, 158**, and **53, 103, 58** is the 20% darker color. If you saturate the color by 10%, you get **88, 155, 91**, and if you desaturate by 10%, it is **119, 155, 121**.

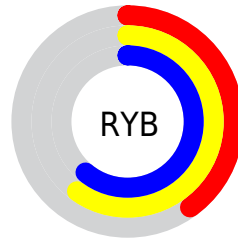
Distribution



Red (40%)

Green (61%)

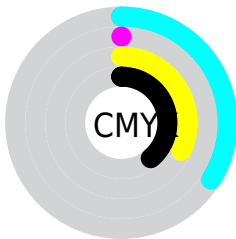
Blue (42%)



Red (40%)

Yellow (60%)

Blue (61%)

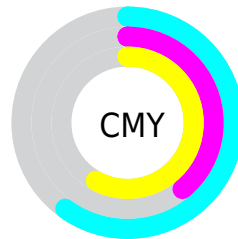


Cyan (34%)

Magenta (0%)

Yellow (32%)

Black (39%)



Cyan (60%)


Magenta (39%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 155, 106 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, 155, 106 by changing the saturation by 10% instead.

 103, 155, 106

255, 255, 255


 156, 210, 158

 183, 238, 185

 211, 255, 212

 240, 255, 241

 103, 155, 106

 78, 129, 82

 53, 103, 58

 28, 79, 36


 0, 56, 15

 0, 35, 0

 0, 0, 0


 103, 155, 106

 88, 155, 91

 72, 155, 77

 103, 155, 106

 119, 155, 121

 134, 155, 135

■ 57, 155, 62

■ 150, 155, 150

■ 41, 155, 48

■ 165, 155, 164

■ 26, 155, 33

■ 180, 155, 179

■ 10, 155, 18

■ 196, 155, 194

■ 0, 155, 9

■ 212, 155, 208

■ 227, 155, 223

■ 242, 155, 237

Harmonies

Analogous

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



138, 148, 86



103, 155, 106



62, 158, 135

Triad

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



103, 155, 106



86, 148, 202



201, 121, 120

Complementary

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



103, 155, 106



155, 103, 152

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.



196, 120, 150



103, 155, 106



137, 137, 198

Square

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



103, 155, 106



23, 155, 191



175, 127, 179



191, 128, 95

Rectangle

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



103, 155, 106



26, 159, 156



175, 127, 179



201, 119, 130

Sweetspot

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



103, 155, 106



181, 201, 182



152, 155, 103



90, 102, 90



230, 230, 230



102, 102, 102

Same Dimension

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



103, 155, 106



121, 201, 126



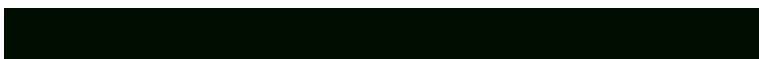
103, 155, 132



69, 77, 69



0, 140, 8



0, 13, 1

Inverse Universe

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



155, 103, 152



201, 121, 197



155, 103, 126



77, 69, 76



140, 0, 132



13, 0, 12

Previews

White Background



This preview shows how the RGB color 103, 155, 106 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, 155, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

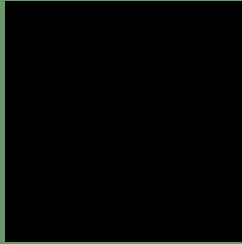
Any Text WCAG AA ✓ Pass

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, 155, 106 Background



This preview shows how black text looks on a background with the RGB color 103, 155, 106.



This preview shows how white text looks on a background with the RGB color 103, 155, 106.

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, 155, 106

Protanopia
153, 142, 100

Deuteranopia
167, 136, 110



Tritanopia
113, 148, 160

Trichromacy



Original Color
103, 155, 106

Protanomaly
135, 147, 102

Deuteranomaly
144, 143, 109

Tritanomaly
109, 151, 140

Monochromacy



Original Color
103, 155, 106

Achromatopsia
134, 134, 134

Achromatomaly
123, 142, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 155, 106 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, 155, 106)` looks like.

```
.text, #text, p{  
    color:rgb(103, 155, 106)  
}
```

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, 155, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 155, 106) }
```

Border

The CSS property to change the border of an element to RGB 103, 155, 106 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, 155, 106) }
```

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

```
.border{ border-color:rgb(103, 155, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 155, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 155, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 155, 106);  
box-shadow:4px 4px 4px 4px rgb(103, 155,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 103, 155, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 155, 106) }
```

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

```
.background{ background-color: rgb(103,  
155, 106) }
```

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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