

Converting Colors

RGB(115, 185, 103)

Have a look what the booklet for
RGB(115, 185, 103) contains.

RGB(115, 185, 103)	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(115, 185, 103)

Conversions

Conversions Part 1

Format	Color
Hex	73B967
RGB	115, 185, 103
RGB Percent	45%, 73%, 40%
CMY	0.5490, 0.2745, 0.5961
CMYK	0.38, 0.00, 0.44, 0.27
HSL	111°, 37%, 56%
HSV	111°, 44%, 73%
XYZ	26.8674, 39.3220, 19.0058
YIQ	154.7220, -15.3980, -40.3420

Conversions

Conversions Part 2

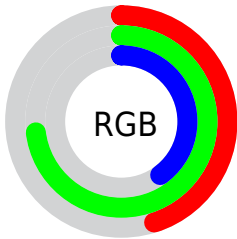
Format	Color
RYB	103, 185, 173
Decimal	7584103
CIELab	68.98, -38.17, 34.75
CIElCh	69, 51.616, 137.681
Yxy	39.3220, 0.3154, 0.4616
Android (android.graphics.Color)	4285774183 (0xFF73B967)
YUV	154.7220, -25.4989, -34.8362
Hunter-Lab	62.7073, -33.2582, 25.9250

Details

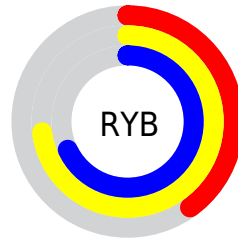
The RGB color **115, 185, 103** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **173, 103, 185**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **170, 242, 155**, and **61, 131, 54** is the 20% darker color. If you saturate the color by 10%, you get **99, 185, 85**, and if you desaturate by 10%, it is **131, 185, 122**.

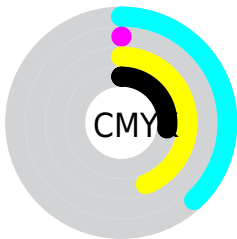
Distribution



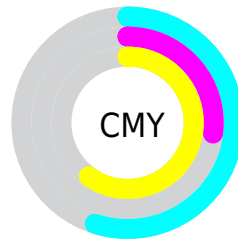
- Red (45%)
- Green (73%)
- Blue (40%)



- Red (40%)
- Yellow (73%)
- Blue (68%)



- Cyan (38%)
- Magenta (0%)
- Yellow (44%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 185, 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 115, 185, 103 by changing the saturation by 10% instead.

 115, 185, 103

255, 255, 255

 170, 242, 155


 198, 255, 182

 227, 255, 210

 255, 255, 239

 115, 185, 103

 88, 158, 78

 61, 131, 54

 33, 106, 30

 0, 81, 3

 0, 57, 0


 0, 37, 0


 0, 0, 0


 115, 185, 103


 99, 185, 85


 115, 185, 103


 131, 185, 122

 83, 185, 66


 147, 185, 140

 68, 185, 48

 162, 185, 159


 52, 185, 29


 178, 185, 177


 36, 185, 10

 194, 185, 196

 27, 185, 0

 210, 185, 214

 226, 185, 233

 241, 185, 251

 255, 185, 255

Harmonies

Analogous

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



169, 174, 75



115, 185, 103



11, 191, 147

Triad

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



115, 185, 103



0, 179, 255



255, 130, 142

Complementary

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



115, 185, 103



173, 103, 185

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.



245, 131, 190



115, 185, 103



140, 164, 255

Square

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



115, 185, 103



0, 188, 236



207, 145, 232



243, 142, 101

Rectangle

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



115, 185, 103



0, 192, 179



207, 145, 232



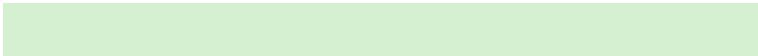
255, 128, 158

Sweetspot

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



115, 185, 103



213, 240, 209



185, 173, 103



103, 120, 101



247, 247, 247



120, 120, 120

Same Dimension

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



115, 185, 103



131, 240, 113



103, 185, 132



84, 92, 83



23, 156, 0



4, 28, 0

Inverse Universe

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



173, 103, 185



221, 113, 240



185, 103, 156



90, 83, 92



133, 0, 156



24, 0, 28

Previews

White Background



This preview shows how the RGB color 115, 185, 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 115, 185, 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 115, 185, 103 Background



This preview shows how black text looks on a background with the RGB color 115, 185, 103.

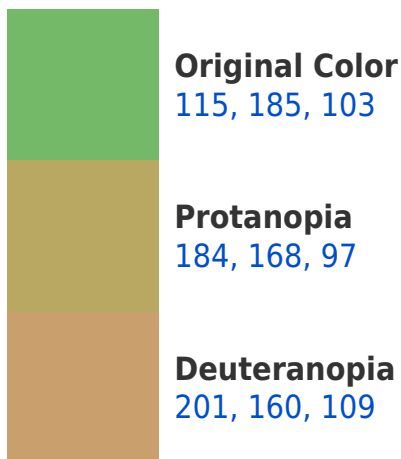


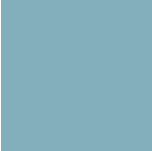
This preview shows how white text looks on a background with the RGB color 115, 185, 103.

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
131, 175, 189

Trichromacy



Original Color

115, 185, 103



Protanomaly

159, 174, 99



Deuteranomaly

170, 169, 107



Tritanomaly

125, 179, 158

Monochromacy



Original Color

115, 185, 103



Achromatopsia

155, 155, 155



Achromatomaly

140, 166, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 185, 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(115, 185, 103)` looks like.

```
.text, #text, p{  
    color:rgb(115, 185, 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(115, 185, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 185, 103) }
```

Border

The CSS property to change the border of an element to RGB 115, 185, 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(115, 185, 103) }
```

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

```
.border{ border-color:rgb(115, 185, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 185, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 185, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 185, 103);  
box-shadow:4px 4px 4px 4px rgb(115, 185,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 115, 185, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 185, 103) }
```

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

```
.background{ background-color: rgb(115,  
185, 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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