

Converting Colors

RGB(115, 170, 111)

Have a look what the booklet for
RGB(115, 170, 111) contains.

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Color

RGB(115, 170, 111)

Conversions

Conversions Part 1

Format	Color
Hex	73AA6F
RGB	115, 170, 111
RGB Percent	45%, 67%, 44%
CMY	0.5490, 0.3333, 0.5647
CMYK	0.32, 0.00, 0.35, 0.33
HSL	116°, 26%, 55%
HSV	116°, 35%, 67%
XYZ	24.3142, 33.5420, 20.2317
YIQ	146.8290, -13.8410, -30.0090

Conversions

Conversions Part 2

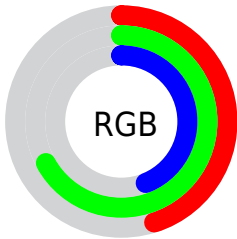
Format	Color
RYB	111, 170, 166
Decimal	7580271
CIELab	64.60, -30.00, 24.83
CIELCh	65, 38.945, 140.382
Yxy	33.5420, 0.3114, 0.4295
Android (android.graphics.Color)	4285770351 (0xFF73AA6F)
YUV	146.8290, -17.6637, -27.9140
Hunter-Lab	57.9154, -26.4137, 19.8290

Details

The RGB color **115, 170, 111** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **166, 111, 170**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **169, 226, 163**, and **64, 117, 62** is the 20% darker color. If you saturate the color by 10%, you get **99, 170, 94**, and if you desaturate by 10%, it is **131, 170, 128**.

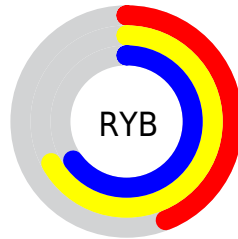
Distribution



Red (45%)

Green (67%)

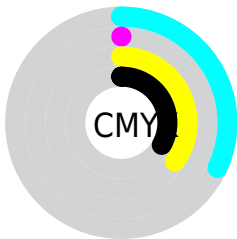
Blue (44%)



Red (44%)

Yellow (67%)

Blue (65%)

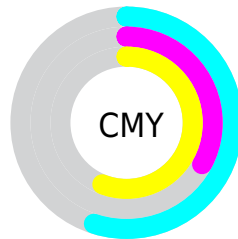


Cyan (32%)

Magenta (0%)

Yellow (35%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 170, 111 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, 170, 111 by changing the saturation by 10% instead.

 115, 170, 111


255, 255, 255

 169, 226, 163

 196, 254, 190

 225, 255, 218

 254, 255, 247

 115, 170, 111

 89, 143, 86

 64, 117, 62

 39, 92, 40

 10, 68, 17

 0, 45, 0


 0, 25, 0

 0, 0, 0

 115, 170, 111


 99, 170, 94


 115, 170, 111


 131, 170, 128

 83, 170, 77

 147, 170, 145

 67, 170, 60


 163, 170, 162


 52, 170, 43

 178, 170, 179

 36, 170, 26

 194, 170, 196

 20, 170, 9

 210, 170, 213

 12, 170, 0

 226, 170, 230

 242, 170, 247

 255, 170, 255

Harmonies

Analogous

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



155, 162, 90



115, 170, 111



66, 174, 144

Triad

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



115, 170, 111



81, 164, 225



224, 130, 134

Complementary

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



115, 170, 111



166, 111, 170

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.



217, 130, 169



115, 170, 111



143, 152, 222

Square

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



115, 170, 111



0, 171, 209



189, 139, 201



213, 139, 104

Rectangle

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



115, 170, 111



3, 175, 168



189, 139, 201



224, 129, 146

Sweetspot

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



115, 170, 111



201, 222, 200



170, 165, 111



100, 112, 99



240, 240, 240



112, 112, 112

Same Dimension

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



115, 170, 111



135, 222, 129



111, 170, 136



76, 84, 76



10, 148, 0



1, 20, 0

Inverse Universe

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



166, 111, 170



216, 129, 222



170, 111, 145



84, 76, 84



138, 0, 148



19, 0, 20

Previews

White Background



This preview shows how the RGB color 115, 170, 111 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, 170, 111 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, 170, 111 Background



This preview shows how black text looks on a background with the RGB color 115, 170, 111.

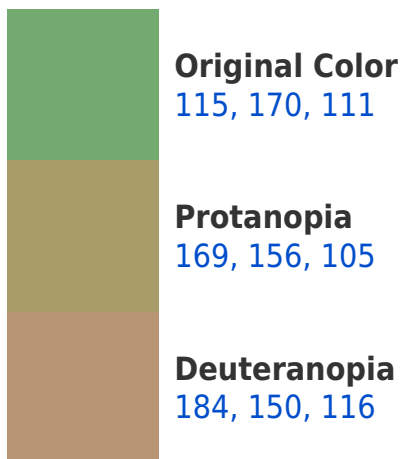


This preview shows how white text looks on a background with the RGB color 115, 170, 111.

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
127, 162, 175

Trichromacy



Original Color
115, 170, 111

Protanomaly
149, 161, 107

Deuteranomaly
159, 157, 114

Tritanomaly
123, 165, 152

Monochromacy



Original Color
115, 170, 111

Achromatopsia
147, 147, 147

Achromatomaly
135, 155, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 170, 111 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, 170, 111)` looks like.

```
.text, #text, p{  
    color:rgb(115, 170, 111)  
}
```

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, 170, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 170, 111) }
```

Border

The CSS property to change the border of an element to RGB 115, 170, 111 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, 170, 111) }
```

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

```
.border{ border-color:rgb(115, 170, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 170, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 170, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 170, 111);  
box-shadow:4px 4px 4px 4px rgb(115, 170,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 115, 170, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 170, 111) }
```

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

```
.background{ background-color: rgb(115,  
170, 111) }
```

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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