

Converting Colors

RGB(123, 177, 101)

Have a look what the booklet for
RGB(123, 177, 101) contains.

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Color

RGB(123, 177, 101)

Conversions

Conversions Part 1

Format	Color
Hex	7BB165
RGB	123, 177, 101
RGB Percent	48%, 69%, 40%
CMY	0.5176, 0.3059, 0.6039
CMYK	0.31, 0.00, 0.43, 0.31
HSL	103°, 33%, 55%
HSV	103°, 43%, 69%
XYZ	26.2395, 36.5948, 17.9925
YIQ	152.1900, -7.7880, -35.0840

Conversions

Conversions Part 2

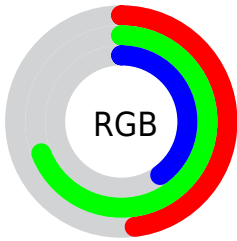
Format	Color
RYB	101, 177, 155
Decimal	8106341
CIELab	66.97, -32.07, 33.30
CIELCh	67, 46.234, 133.917
Yxy	36.5948, 0.3246, 0.4528
Android (android.graphics.Color)	4286296421 (0xFF7BB165)
YUV	152.1900, -25.2367, -25.5996
Hunter-Lab	60.4937, -28.4385, 24.7111

Details

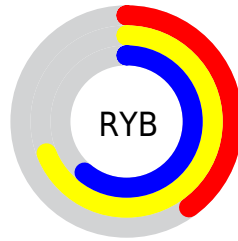
The RGB color **123, 177, 101** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **155, 101, 177**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **177, 233, 153**, and **71, 124, 52** is the 20% darker color. If you saturate the color by 10%, you get **110, 177, 83**, and if you desaturate by 10%, it is **136, 177, 119**.

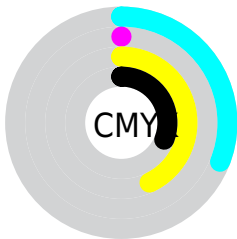
Distribution



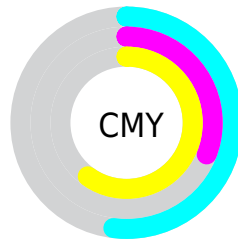
- Red (48%)
- Green (69%)
- Blue (40%)



- Red (40%)
- Yellow (69%)
- Blue (61%)



- Cyan (31%)
- Magenta (0%)
- Yellow (43%)
- Black (31%)



- Cyan (52%)
- Magenta (31%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 177, 101 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 123, 177, 101 by changing the saturation by 10% instead.

 123, 177, 101


255, 255, 255


 177, 233, 153


 205, 255, 180

 234, 255, 208

 255, 255, 236

 123, 177, 101

 97, 150, 76

 71, 124, 52

 45, 99, 28


 17, 74, 3

 0, 51, 0


 0, 32, 0

 0, 0, 0

 123, 177, 101

 110, 177, 83

 123, 177, 101

 136, 177, 119

■ 98, 177, 66

■ 148, 177, 136

■ 85, 177, 48

■ 161, 177, 154

■ 73, 177, 30

■ 173, 177, 172

■ 60, 177, 12

■ 186, 177, 189

■ 51, 177, 0

■ 198, 177, 207

■ 211, 177, 225

■ 224, 177, 243

■ 236, 177, 255

Harmonies

Analogous

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



169, 167, 79



123, 177, 101



60, 183, 139

Triad

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



123, 177, 101



2, 174, 242



242, 129, 145

Complementary

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



123, 177, 101



155, 101, 177

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.



229, 132, 187



123, 177, 101



130, 161, 244

Square

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



123, 177, 101



0, 182, 220



191, 145, 223



233, 138, 107

Rectangle

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



123, 177, 101



0, 184, 167



191, 145, 223



240, 128, 159

Sweetspot

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



123, 177, 101



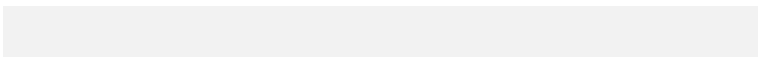
208, 230, 200



177, 154, 101



102, 115, 96



242, 242, 242



115, 115, 115

Same Dimension

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



123, 177, 101



145, 230, 110



101, 177, 116



83, 89, 80



44, 153, 0



7, 26, 0

Inverse Universe

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



155, 101, 177



195, 110, 230



177, 101, 162



87, 80, 89



109, 0, 153



18, 0, 26

Previews

White Background



This preview shows how the RGB color 123, 177, 101 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 123, 177, 101 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 123, 177, 101 Background



This preview shows how black text looks on a background with the RGB color 123, 177, 101.



This preview shows how white text looks on a background with the RGB color 123, 177, 101.

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
123, 177, 101

Protanopia
178, 162, 96

Deuteranopia
195, 155, 106



Tritanopia
136, 168, 181

Trichromacy



Original Color
123, 177, 101

Protanomaly
158, 167, 98

Deuteranomaly
169, 163, 104

Tritanomaly
131, 171, 152

Monochromacy



Original Color
123, 177, 101

Achromatopsia
152, 152, 152

Achromatomaly
141, 161, 133

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 177, 101 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(123, 177, 101)` looks like.

```
.text, #text, p{  
    color:rgb(123, 177, 101)  
}
```

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(123, 177, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 177, 101) }
```

Border

The CSS property to change the border of an element to RGB 123, 177, 101 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(123, 177, 101) }
```

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

```
.border{ border-color:rgb(123, 177, 101) }
```

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

Here you see how a box with a 4 pixel rgb(123, 177, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 177, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 177, 101);  
box-shadow:4px 4px 4px 4px rgb(123, 177,  
101) }
```

Background

The CSS property to change the background color of an element to RGB 123, 177, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 177, 101) }
```

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

```
.background{ background-color: rgb(123,  
177, 101) }
```

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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