

Converting Colors

RGB(90, 174, 111)

Have a look what the booklet for
RGB(90, 174, 111) contains.

RGB(90, 174, 111)	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(90, 174, 111)

Conversions

Conversions Part 1

Format	Color
Hex	5AAE6F
RGB	90, 174, 111
RGB Percent	35%, 68%, 44%
CMY	0.6471, 0.3176, 0.5647
CMYK	0.48, 0.00, 0.36, 0.32
HSL	135°, 34%, 52%
HSV	135°, 48%, 68%
XYZ	22.2217, 33.5935, 20.3519
YIQ	141.7020, -29.8410, -37.4010

Conversions

Conversions Part 2

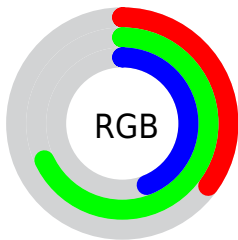
Format	Color
RYB	90, 157, 174
Decimal	5942895
CIELab	64.64, -39.56, 24.68
CIELCh	65, 46.625, 148.040
Yxy	33.5935, 0.2917, 0.4410
Android (android.graphics.Color)	4284132975 (0xFF5AAE6F)
YUV	141.7020, -15.1361, -45.3427
Hunter-Lab	57.9599, -32.9931, 19.7529

Details

The RGB color **90, 174, 111** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **174, 90, 153**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **145, 230, 163**, and **32, 121, 62** is the 20% darker color. If you saturate the color by 10%, you get **73, 174, 98**, and if you desaturate by 10%, it is **107, 174, 124**.

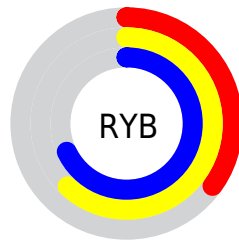
Distribution



Red (35%)

Green (68%)

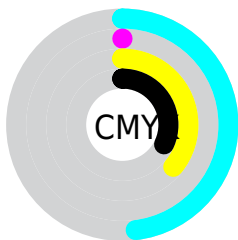
Blue (44%)



Red (35%)

Yellow (62%)

Blue (68%)

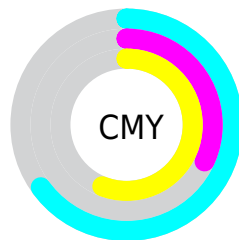


Cyan (48%)

Magenta (0%)

Yellow (36%)

Black (32%)



Cyan (65%)

Magenta (32%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 174, 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 90, 174, 111 by changing the saturation by 10% instead.



90, 174, 111



90, 174, 111

255, 255, 255



62, 147, 86



145, 230, 163



32, 121, 62



173, 255, 190



0, 95, 40



201, 255, 218



0, 71, 17



230, 255, 247



0, 48, 0



0, 25, 0



0, 0, 0



90, 174, 111



90, 174, 111



73, 174, 98



107, 174, 124

■ 55, 174, 85

■ 125, 174, 137

■ 38, 174, 72

■ 142, 174, 150

■ 20, 174, 59

■ 160, 174, 163

■ 3, 174, 46

■ 177, 174, 176

■ 0, 174, 44

■ 194, 174, 189

■ 212, 174, 202

■ 229, 174, 215

■ 247, 174, 228

Harmonies

Analogous

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



142, 166, 80



90, 174, 111



0, 178, 153

Triad

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



90, 174, 111



75, 162, 240



234, 125, 120

Complementary

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



90, 174, 111



174, 90, 153

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.



232, 122, 161



90, 174, 111



155, 147, 230

Square

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



90, 174, 111



0, 172, 227



206, 131, 201



216, 138, 87

Rectangle

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



90, 174, 111



0, 178, 181



206, 131, 201



236, 123, 133

Sweetspot

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



90, 174, 111



195, 227, 203



153, 174, 90



95, 115, 100



242, 242, 242



115, 115, 115

Same Dimension

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



90, 174, 111



95, 227, 128



90, 174, 153



78, 87, 80



0, 150, 38



0, 23, 6

Inverse Universe

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



174, 90, 153



227, 95, 194



174, 90, 111



87, 78, 85



150, 0, 113



23, 0, 17

Previews

White Background



This preview shows how the RGB color 90, 174, 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 90, 174, 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 90, 174, 111 Background



This preview shows how black text looks on a background with the RGB color 90, 174, 111.



This preview shows how white text looks on a background with the RGB color 90, 174, 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



Original Color
90, 174, 111

Protanopia
169, 156, 103

Deuteranopia
184, 149, 117



Tritanopia
106, 166, 179

Trichromacy



Original Color

90, 174, 111



Protanomaly

140, 163, 106



Deuteranomaly

150, 158, 115



Tritanomaly

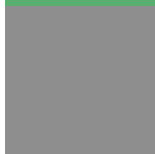
100, 169, 154

Monochromacy



Original Color

90, 174, 111



Achromatopsia

142, 142, 142



Achromatomaly

123, 154, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 174, 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(90, 174, 111)` looks like.

```
.text, #text, p{  
    color:rgb(90, 174, 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(90, 174, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 174, 111) }
```

Border

The CSS property to change the border of an element to RGB 90, 174, 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(90, 174, 111) }
```

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

```
.border{ border-color:rgb(90, 174, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 174, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 174, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 174, 111);  
box-shadow:4px 4px 4px 4px rgb(90, 174,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 90, 174, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 174, 111) }
```

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

```
.background{ background-color: rgb(90, 174,  
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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