

Converting Colors

RGB(103, 174, 132)

Have a look what the booklet for
RGB(103, 174, 132) contains.

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Color

RGB(103, 174, 132)

Conversions

Conversions Part 1

Format	Color
Hex	67AE84
RGB	103, 174, 132
RGB Percent	40%, 68%, 52%
CMY	0.5961, 0.3176, 0.4824
CMYK	0.41, 0.00, 0.24, 0.32
HSL	145°, 30%, 54%
HSV	145°, 41%, 68%
XYZ	24.8944, 34.8216, 27.2390
YIQ	147.9830, -28.8340, -28.1140

Conversions

Conversions Part 2

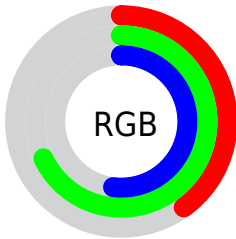
Format	Color
RYB	103, 153, 174
Decimal	6794884
CIELab	65.61, -31.86, 14.69
CIELCh	66, 35.080, 155.251
Yxy	34.8216, 0.2863, 0.4005
Android (android.graphics.Color)	4284984964 (0xFF67AE84)
YUV	147.9830, -7.8796, -39.4501
Hunter-Lab	59.0098, -27.9636, 13.9386

Details

The RGB color **103, 174, 132** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **174, 103, 145**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **157, 230, 185**, and **50, 121, 82** is the 20% darker color. If you saturate the color by 10%, you get **86, 174, 122**, and if you desaturate by 10%, it is **120, 174, 142**.

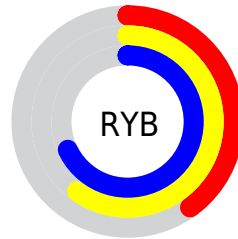
Distribution



Red (40%)

Green (68%)

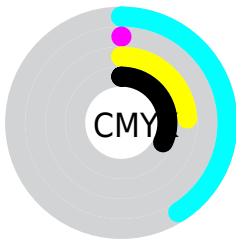
Blue (52%)



Red (40%)

Yellow (60%)

Blue (68%)

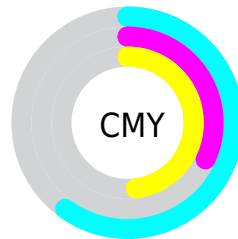


Cyan (41%)

Magenta (0%)

Yellow (24%)

Black (32%)



Cyan (60%)

Magenta (32%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 174, 132 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, 174, 132 by changing the saturation by 10% instead.

 103, 174, 132

255, 255, 255


 157, 230, 185

 185, 255, 213


 213, 255, 241

 242, 255, 255

 103, 174, 132


 77, 147, 107

 50, 121, 82

 21, 96, 59


 0, 72, 37

 0, 48, 16

 0, 28, 0

 0, 0, 0

 103, 174, 132

 86, 174, 122

 103, 174, 132

 120, 174, 142

■ 68, 174, 111

■ 138, 174, 153

■ 51, 174, 101

■ 155, 174, 163

■ 33, 174, 91

■ 173, 174, 173

■ 16, 174, 81

■ 190, 174, 183

■ 0, 174, 71

■ 207, 174, 194

■ 225, 174, 204

■ 242, 174, 214

■ 255, 174, 225

Harmonies

Analogous

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



141, 168, 107



103, 174, 132



61, 176, 164

Triad

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



103, 174, 132



123, 161, 222



218, 139, 125

Complementary

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



103, 174, 132



174, 103, 145

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.



220, 135, 155



103, 174, 132



170, 149, 211

Square

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



103, 174, 132



69, 170, 216



204, 139, 186



202, 148, 103

Rectangle

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



103, 174, 132



35, 176, 185



204, 139, 186



221, 137, 134

Sweetspot

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



103, 174, 132



200, 227, 211



146, 174, 103



99, 115, 105



242, 242, 242



115, 115, 115

Same Dimension

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



103, 174, 132



116, 227, 161



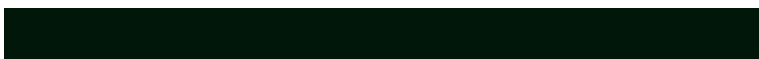
103, 174, 167



78, 87, 82



0, 150, 61



0, 23, 9

Inverse Universe

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



174, 103, 145



227, 116, 182



174, 103, 110



87, 78, 83



150, 0, 89



23, 0, 14

Previews

White Background



This preview shows how the RGB color 103, 174, 132 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 103, 174, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

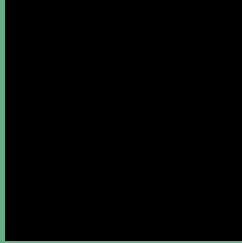
Any Text WCAG AA ✓ Pass

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 103, 174, 132 Background



This preview shows how black text looks on a background with the RGB color 103, 174, 132.

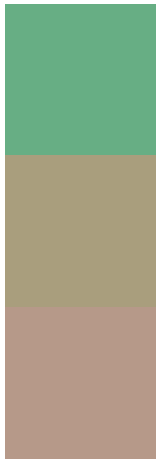


This preview shows how white text looks on a background with the RGB color 103, 174, 132.

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, 174, 132

Protanopia
169, 158, 125

Deuteranopia
182, 153, 137



Tritanopia
114, 167, 181

Trichromacy



Original Color

103, 174, 132



Protanomaly

145, 164, 128



Deuteranomaly

153, 161, 135



Tritanomaly

110, 170, 163

Monochromacy



Original Color

103, 174, 132



Achromatopsia

148, 148, 148



Achromatomaly

132, 157, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 174, 132 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, 174, 132)` looks like.

```
.text, #text, p{  
    color:rgb(103, 174, 132)  
}
```

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, 174, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 174, 132) }
```

Border

The CSS property to change the border of an element to RGB 103, 174, 132 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, 174, 132) }
```

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

```
.border{ border-color:rgb(103, 174, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 174, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 174, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 174, 132);  
box-shadow:4px 4px 4px 4px rgb(103, 174,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 103, 174, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 174, 132) }
```

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

```
.background{ background-color: rgb(103,  
174, 132) }
```

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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