

Converting Colors

RGB(103, 172, 135)

Have a look what the booklet for
RGB(103, 172, 135) contains.

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Color

RGB(103, 172, 135)

Conversions

Conversions Part 1

Format	Color
Hex	67AC87
RGB	103, 172, 135
RGB Percent	40%, 67%, 53%
CMY	0.5961, 0.3255, 0.4706
CMYK	0.40, 0.00, 0.22, 0.33
HSL	148°, 29%, 54%
HSV	148°, 40%, 67%
XYZ	24.7192, 34.1379, 28.2081
YIQ	147.1510, -29.2470, -26.1350

Conversions

Conversions Part 2

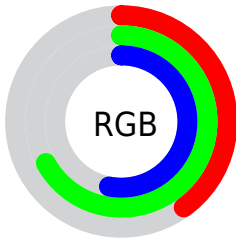
Format	Color
RYB	103, 150, 172
Decimal	6794375
CIELab	65.07, -30.29, 12.28
CIELCh	65, 32.687, 157.930
Yxy	34.1379, 0.2839, 0.3921
Android (android.graphics.Color)	4284984455 (0xFF67AC87)
YUV	147.1510, -5.9904, -38.7204
Hunter-Lab	58.4276, -26.7296, 12.2749

Details

The RGB color **103, 172, 135** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **172, 103, 140**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **157, 228, 188**, and **51, 119, 85** is the 20% darker color. If you saturate the color by 10%, you get **86, 172, 126**, and if you desaturate by 10%, it is **120, 172, 144**.

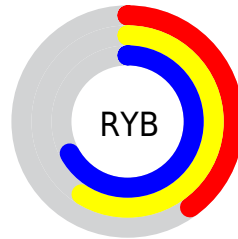
Distribution



Red (40%)

Green (67%)

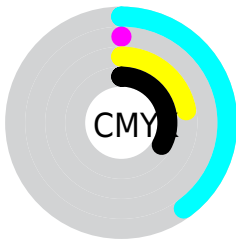
Blue (53%)



Red (40%)

Yellow (59%)

Blue (67%)

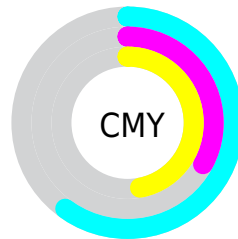


Cyan (40%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (60%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 172, 135 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, 172, 135 by changing the saturation by 10% instead.

 103, 172, 135

255, 255, 255


 157, 228, 188


 185, 255, 216

 213, 255, 245

 242, 255, 255

 103, 172, 135

 77, 145, 110

 51, 119, 85

 22, 94, 62


 0, 70, 40

 0, 47, 19

 0, 26, 0

 0, 0, 0

 103, 172, 135

 86, 172, 126

 103, 172, 135

 120, 172, 144

■ 69, 172, 117

■ 137, 172, 153

■ 51, 172, 107

■ 155, 172, 163

■ 34, 172, 98

■ 172, 172, 172

■ 17, 172, 89

■ 189, 172, 181

■ 0, 172, 80

■ 206, 172, 190

■ 223, 172, 200

■ 241, 172, 209

■ 255, 172, 218

Harmonies

Analogous

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



138, 167, 111



103, 172, 135



67, 174, 165

Triad

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



103, 172, 135



130, 158, 216



212, 140, 123

Complementary

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



103, 172, 135



172, 103, 140

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.



215, 135, 151



103, 172, 135



172, 148, 204

Square

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



103, 172, 135



83, 167, 211



201, 139, 181



196, 149, 104

Rectangle

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



103, 172, 135



52, 173, 184



201, 139, 181



215, 138, 132

Sweetspot

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



103, 172, 135



197, 224, 210



141, 172, 103



96, 112, 104



240, 240, 240



112, 112, 112

Same Dimension

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



103, 172, 135



117, 224, 167



103, 172, 169



78, 87, 82



0, 150, 70



0, 23, 11

Inverse Universe

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



172, 103, 140



224, 117, 174



172, 103, 106



87, 78, 83



150, 0, 81



23, 0, 12

Previews

White Background



This preview shows how the RGB color 103, 172, 135 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, 172, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

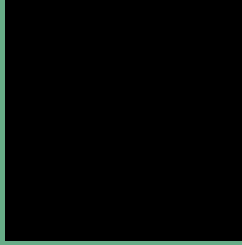
Any Text WCAG AA ✓ Pass

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, 172, 135 Background



This preview shows how black text looks on a background with the RGB color 103, 172, 135.



This preview shows how white text looks on a background with the RGB color 103, 172, 135.

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, 172, 135

Protanopia
167, 157, 128

Deuteranopia
179, 151, 139



Tritanopia
113, 166, 179

Trichromacy



Original Color
103, 172, 135

Protanomaly
144, 162, 131

Deuteranomaly
151, 159, 138

Tritanomaly
109, 168, 163

Monochromacy



Original Color
103, 172, 135

Achromatopsia
147, 147, 147

Achromatomaly
131, 156, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 172, 135 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, 172, 135)` looks like.

```
.text, #text, p{  
    color:rgb(103, 172, 135)  
}
```

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, 172, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 172, 135) }
```

Border

The CSS property to change the border of an element to RGB 103, 172, 135 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, 172, 135) }
```

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

```
.border{ border-color:rgb(103, 172, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 172, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 172, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 172, 135);  
box-shadow:4px 4px 4px 4px rgb(103, 172,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 103, 172, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 172, 135) }
```

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

```
.background{ background-color: rgb(103,  
172, 135) }
```

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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