

Converting Colors

RGB(99, 184, 159)

Have a look what the booklet for
RGB(99, 184, 159) contains.

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Color

RGB(99, 184, 159)

Conversions

Conversions Part 1

Format	Color
Hex	63B89F
RGB	99, 184, 159
RGB Percent	39%, 72%, 62%
CMY	0.6118, 0.2784, 0.3765
CMYK	0.46, 0.00, 0.14, 0.28
HSL	162°, 37%, 55%
HSV	162°, 46%, 72%
XYZ	28.5441, 39.4368, 38.9085
YIQ	155.7350, -42.6350, -25.7950

Conversions

Conversions Part 2

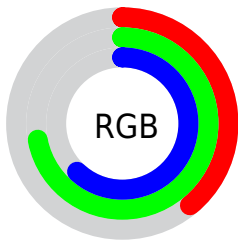
Format	Color
R_{YB}	99, 149, 184
Decimal	6535327
CIE _{Lab}	69.07, -31.83, 4.74
CIE _{LCh}	69, 32.183, 171.528
Yxy	39.4368, 0.2670, 0.3689
Android (android.graphics.Color)	4284725407 (0xFF63B89F)
YUV	155.7350, 1.6096, -49.7566
Hunter-Lab	62.7988, -28.7637, 7.2245

Details

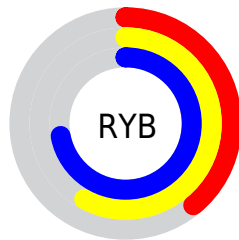
The RGB color **99, 184, 159** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **184, 99, 124**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **154, 240, 214**, and **42, 130, 108** is the 20% darker color. If you saturate the color by 10%, you get **81, 184, 154**, and if you desaturate by 10%, it is **117, 184, 164**.

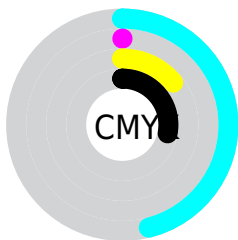
Distribution



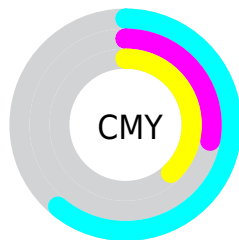
- Red (39%)
- Green (72%)
- Blue (62%)



- Red (39%)
- Yellow (58%)
- Blue (72%)



- Cyan (46%)
- Magenta (0%)
- Yellow (14%)
- Black (28%)



- Cyan (61%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 99, 184, 159 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 99, 184, 159 by changing the saturation by 10% instead.



99, 184, 159



99, 184, 159

255, 255, 255



71, 157, 133



154, 240, 214



42, 130, 108



183, 255, 242



0, 105, 83



211, 255, 255



0, 80, 60



240, 255, 255



0, 57, 39



0, 36, 18



0, 0, 0



99, 184, 159




99, 184, 159




81, 184, 154




117, 184, 164

 62, 184, 148

 136, 184, 170


 44, 184, 143

 154, 184, 175

 25, 184, 137


 173, 184, 181

 7, 184, 132

 191, 184, 186

 0, 184, 130

 209, 184, 191

 228, 184, 197

 246, 184, 202

 255, 184, 208

Harmonies

Analogous

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



134, 180, 131



99, 184, 159



72, 184, 189

Triad

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



99, 184, 159



161, 164, 223



217, 154, 124

Complementary

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



99, 184, 159



184, 99, 124

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.



227, 148, 149



99, 184, 159



198, 154, 205

Square

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



99, 184, 159



116, 174, 226



220, 147, 178



196, 164, 111

Rectangle

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



99, 184, 159



71, 182, 206



220, 147, 178



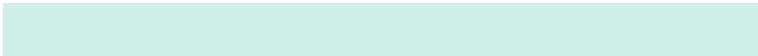
222, 151, 131

Sweetspot

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



99, 184, 159



206, 240, 230



124, 184, 99



99, 120, 114



247, 247, 247



120, 120, 120

Same Dimension

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



99, 184, 159



108, 240, 201



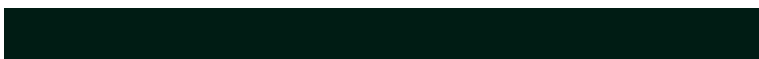
99, 167, 184



83, 92, 89



0, 156, 110



0, 28, 20

Inverse Universe

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



184, 99, 124



240, 108, 147



184, 116, 99



92, 83, 85



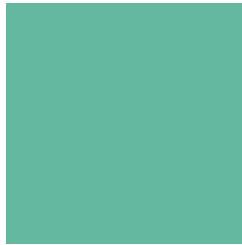
156, 0, 46



28, 0, 8

Previews

White Background



This preview shows how the RGB color 99, 184, 159 looks on a white background.

Color Contrast Check

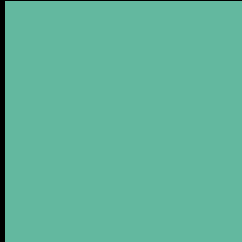
Large Text (above 18pt) WCAG AA × Fail

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 99, 184, 159 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 99, 184, 159 Background



This preview shows how black text looks on a background with the RGB color 99, 184, 159.



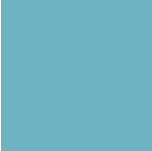
This preview shows how white text looks on a background with the RGB color 99, 184, 159.

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
109, 179, 194

Trichromacy



Original Color

99, 184, 159



Protanomaly

147, 173, 153



Deuteranomaly

154, 170, 162



Tritanomaly

105, 181, 181

Monochromacy



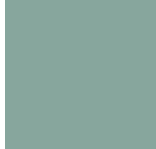
Original Color

99, 184, 159



Achromatopsia

156, 156, 156



Achromatomaly

135, 166, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 184, 159 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(99, 184, 159)` looks like.

```
.text, #text, p{  
    color:rgb(99, 184, 159)  
}
```

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(99, 184, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 184, 159) }
```

Border

The CSS property to change the border of an element to RGB 99, 184, 159 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(99, 184, 159) }
```

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

```
.border{ border-color:rgb(99, 184, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 184, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 184, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 184, 159);  
box-shadow:4px 4px 4px 4px rgb(99, 184,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 99, 184, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 184, 159) }
```

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

```
.background{ background-color: rgb(99, 184,  
159) }
```

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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