

Converting Colors

RGB(117, 173, 150)

Have a look what the booklet for
RGB(117, 173, 150) contains.

RGB(117, 173, 150)	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(117, 173, 150)

Conversions

Conversions Part 1

Format	Color
Hex	75AD96
RGB	117, 173, 150
RGB Percent	46%, 68%, 59%
CMY	0.5412, 0.3216, 0.4118
CMYK	0.32, 0.00, 0.13, 0.32
HSL	155°, 25%, 57%
HSV	155°, 32%, 68%
XYZ	27.7847, 35.8711, 34.3136
YIQ	153.6340, -25.9930, -19.0250

Conversions

Conversions Part 2

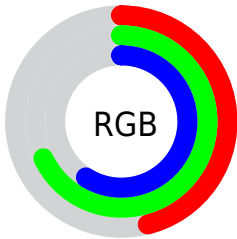
Format	Color
RYB	117, 152, 173
Decimal	7712150
CIELab	66.42, -23.43, 6.00
CIELCh	66, 24.183, 165.626
Yxy	35.8711, 0.2836, 0.3661
Android (android.graphics.Color)	4285902230 (0xFF75AD96)
YUV	153.6340, -1.7916, -32.1280
Hunter-Lab	59.8925, -22.0038, 7.9563

Details

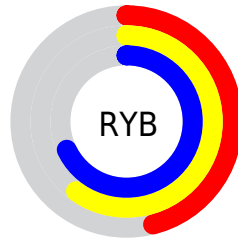
The RGB color **117, 173, 150** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **173, 117, 140**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **171, 229, 204**, and **66, 120, 99** is the 20% darker color. If you saturate the color by 10%, you get **100, 173, 143**, and if you desaturate by 10%, it is **134, 173, 157**.

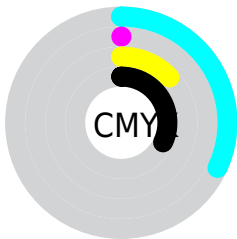
Distribution



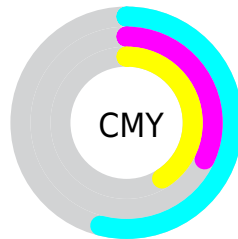
- Red (46%)
- Green (68%)
- Blue (59%)



- Red (46%)
- Yellow (60%)
- Blue (68%)



- Cyan (32%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (54%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 173, 150 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 117, 173, 150 by changing the saturation by 10% instead.

 117, 173, 150


255, 255, 255

 171, 229, 204


 198, 255, 232

 227, 255, 255

 117, 173, 150

 91, 146, 124

 66, 120, 99

 41, 95, 75

 13, 71, 53


 0, 48, 32


 0, 29, 8


 0, 0, 0

 117, 173, 150


 100, 173, 143

 117, 173, 150


 134, 173, 157

 82, 173, 136


 152, 173, 164

 65, 173, 129


 169, 173, 171


 48, 173, 122

 186, 173, 178

 30, 173, 114

 204, 173, 186

 13, 173, 107

 221, 173, 193

 0, 173, 102

 238, 173, 200

 255, 173, 207

 255, 173, 214

Harmonies

Analogous

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



141, 170, 131



117, 173, 150



100, 174, 172

Triad

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



117, 173, 150



151, 160, 203



201, 150, 131

Complementary

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



117, 173, 150



173, 117, 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.



206, 146, 151



117, 173, 150



179, 152, 192

Square

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



117, 173, 150



121, 167, 203



198, 147, 173



187, 157, 120

Rectangle

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



117, 173, 150



98, 173, 186



198, 147, 173



204, 148, 137

Sweetspot

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



117, 173, 150



202, 224, 215



140, 173, 117



99, 112, 107



240, 240, 240



112, 112, 112

Same Dimension

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



117, 173, 150



137, 224, 188



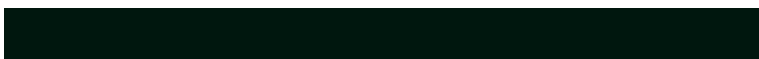
117, 168, 173



78, 87, 83



0, 150, 89



0, 23, 14

Inverse Universe

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



173, 117, 140



224, 137, 173



173, 122, 117



87, 78, 82



150, 0, 62



23, 0, 9

Previews

White Background



This preview shows how the RGB color 117, 173, 150 looks on a white background.

Color Contrast Check

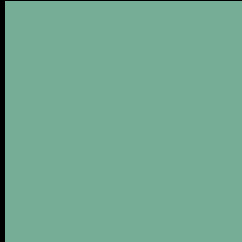
Large Text (above 18pt) WCAG AA × Fail

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 117, 173, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

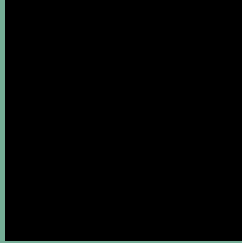
Any Text WCAG AA ✓ Pass

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 117, 173, 150 Background



This preview shows how black text looks on a background with the RGB color 117, 173, 150.

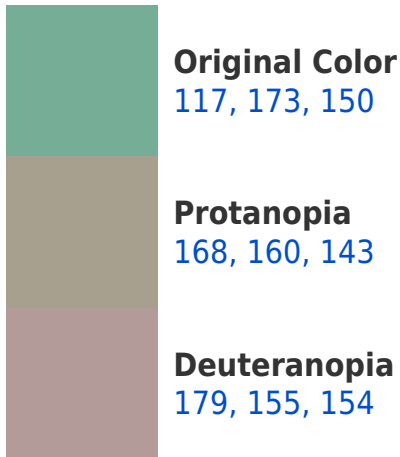



This preview shows how white text looks on a background with the RGB color 117, 173, 150.

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
124, 168, 182

Trichromacy



Original Color
117, 173, 150

Protanomaly
149, 165, 146

Deuteranomaly
156, 162, 153

Tritanomaly
121, 170, 170

Monochromacy



Original Color
117, 173, 150

Achromatopsia
154, 154, 154

Achromatomaly
141, 161, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 173, 150 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(117, 173, 150)` looks like.

```
.text, #text, p{  
    color:rgb(117, 173, 150)  
}
```

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(117, 173, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 173, 150) }
```

Border

The CSS property to change the border of an element to RGB 117, 173, 150 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(117, 173, 150) }
```

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

```
.border{ border-color:rgb(117, 173, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 173, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 173, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 173, 150);  
box-shadow:4px 4px 4px 4px rgb(117, 173,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 117, 173, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 173, 150) }
```

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

```
.background{ background-color: rgb(117,  
173, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor