

Converting Colors

RGB(97, 173, 122)

Have a look what the booklet for
RGB(97, 173, 122) contains.

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Color

RGB(97, 173, 122)

Conversions

Conversions Part 1

Format	Color
Hex	61AD7A
RGB	97, 173, 122
RGB Percent	38%, 68%, 48%
CMY	0.6196, 0.3216, 0.5216
CMYK	0.44, 0.00, 0.29, 0.32
HSL	140°, 32%, 53%
HSV	140°, 44%, 68%
XYZ	23.3862, 33.8337, 23.7103
YIQ	144.4620, -28.9250, -31.9730

Conversions

Conversions Part 2

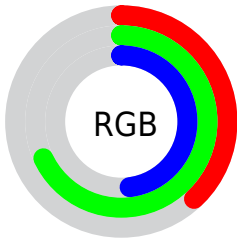
Format	Color
RYB	97, 154, 173
Decimal	6401402
CIELab	64.83, -35.09, 19.04
CIElCh	65, 39.926, 151.522
Yxy	33.8337, 0.2890, 0.4181
Android (android.graphics.Color)	4284591482 (0xFF61AD7A)
YUV	144.4620, -11.0738, -41.6242
Hunter-Lab	58.1667, -30.0250, 16.5485

Details

The RGB color **97, 173, 122** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **173, 97, 148**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **151, 229, 175**, and **43, 120, 73** is the 20% darker color. If you saturate the color by 10%, you get **80, 173, 110**, and if you desaturate by 10%, it is **114, 173, 134**.

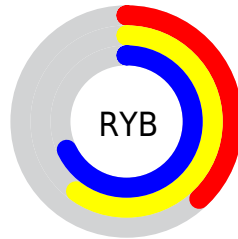
Distribution



Red (38%)

Green (68%)

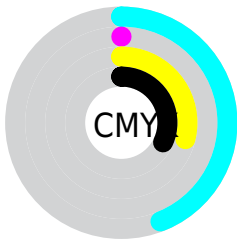
Blue (48%)



Red (38%)

Yellow (60%)

Blue (68%)

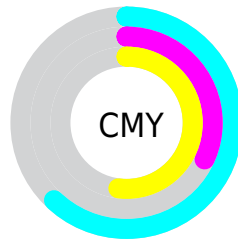


Cyan (44%)

Magenta (0%)

Yellow (29%)

Black (32%)



Cyan (62%)

Magenta (32%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 97, 173, 122 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 97, 173, 122 by changing the saturation by 10% instead.

■ 97, 173, 122

255, 255, 255

■ 151, 229, 175

■ 179, 255, 202

■ 207, 255, 230

■ 236, 255, 255

■ 97, 173, 122

■ 70, 146, 97

■ 43, 120, 73

■ 7, 95, 50

■ 0, 70, 28

■ 0, 47, 5

■ 0, 26, 0

■ 0, 0, 0

■ 97, 173, 122

■ 80, 173, 110

■ 97, 173, 122

■ 114, 173, 134

■ 62, 173, 99

■ 132, 173, 145

■ 45, 173, 87

■ 149, 173, 157

■ 28, 173, 76

■ 166, 173, 168

■ 11, 173, 64

■ 184, 173, 180

■ 0, 173, 57

■ 201, 173, 192

■ 218, 173, 203

■ 235, 173, 215

■ 253, 173, 226

Harmonies

Analogous

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



141, 166, 95



97, 173, 122



33, 176, 158

Triad

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



97, 173, 122



105, 160, 228



224, 132, 122

Complementary

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



97, 173, 122



173, 97, 148

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.



224, 129, 157



97, 173, 122



163, 147, 218

Square

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



97, 173, 122



0, 170, 219



203, 135, 192



207, 143, 95

Rectangle

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



97, 173, 122



0, 176, 182



203, 135, 192



226, 130, 133

Sweetspot

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



97, 173, 122



195, 224, 205



149, 173, 97



94, 112, 100



240, 240, 240



112, 112, 112

Same Dimension

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



97, 173, 122



105, 224, 145



97, 173, 159



78, 87, 81



0, 150, 49



0, 23, 8

Inverse Universe

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



173, 97, 148



224, 105, 185



173, 97, 111



87, 78, 84



150, 0, 101



23, 0, 15

Previews

White Background



This preview shows how the RGB color 97, 173, 122 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 97, 173, 122 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 97, 173, 122 Background



This preview shows how black text looks on a background with the RGB color 97, 173, 122.



This preview shows how white text looks on a background with the RGB color 97, 173, 122.

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
97, 173, 122

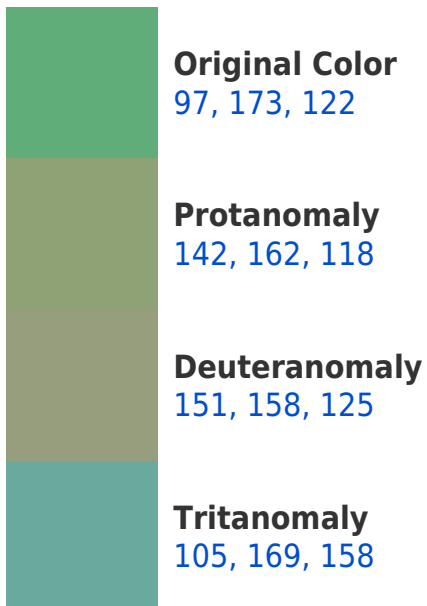
Protanopia
168, 156, 115

Deuteranopia
182, 150, 127

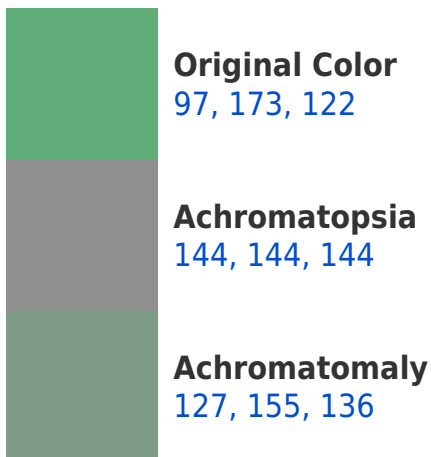


Tritanopia
110, 166, 179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 97, 173, 122 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(97, 173, 122) looks like.

```
.text, #text, p{  
    color:rgb(97, 173, 122)  
}
```

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(97, 173, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 173, 122) }
```

Border

The CSS property to change the border of an element to RGB 97, 173, 122 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(97, 173, 122) }
```

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

```
.border{ border-color:rgb(97, 173, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 173, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 173, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 173, 122);  
box-shadow:4px 4px 4px 4px rgb(97, 173,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 97, 173, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 173, 122) }
```

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

```
.background{ background-color: rgb(97, 173,  
122) }
```

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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