

Converting Colors

RGB(151, 174, 102)

Have a look what the booklet for
RGB(151, 174, 102) contains.

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Color

RGB(151, 174, 102)

Conversions

Conversions Part 1

Format	Color
Hex	97AE66
RGB	151, 174, 102
RGB Percent	59%, 68%, 40%
CMY	0.4078, 0.3176, 0.6000
CMYK	0.13, 0.00, 0.41, 0.32
HSL	79°, 31%, 54%
HSV	79°, 41%, 68%
XYZ	30.2968, 37.8107, 18.2718
YIQ	158.9150, 9.4040, -27.2680

Conversions

Conversions Part 2

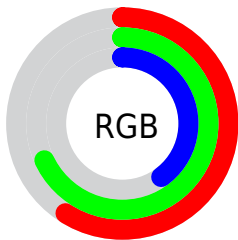
Format	Color
RYB	102, 174, 125
Decimal	9940582
CIELab	67.88, -20.00, 34.31
CIElCh	68, 39.713, 120.246
Yxy	37.8107, 0.3507, 0.4377
Android (android.graphics.Color)	4288130662 (0xFF97AE66)
YUV	158.9150, -28.0591, -6.9415
Hunter-Lab	61.4904, -19.6599, 25.4254

Details

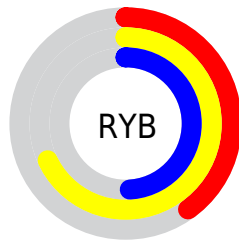
The RGB color **151, 174, 102** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **125, 102, 174**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **206, 230, 154**, and **99, 122, 53** is the 20% darker color. If you saturate the color by 10%, you get **145, 174, 85**, and if you desaturate by 10%, it is **157, 174, 119**.

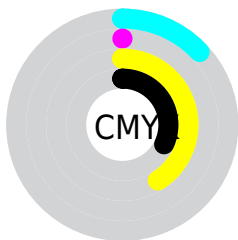
Distribution



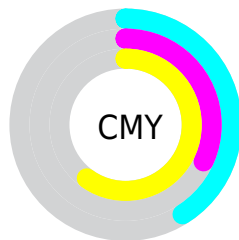
- Red (59%)
- Green (68%)
- Blue (40%)



- Red (40%)
- Yellow (68%)
- Blue (49%)



- Cyan (13%)
- Magenta (0%)
- Yellow (41%)
- Black (32%)




- Cyan (41%)
- Magenta (32%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 174, 102 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 151, 174, 102 by changing the saturation by 10% instead.

 151, 174, 102


255, 255, 255

 206, 230, 154


 235, 255, 181

 255, 255, 209

 255, 255, 238

 151, 174, 102

 124, 147, 77

 99, 122, 53

 74, 97, 29

 49, 73, 4


 27, 50, 0

 0, 30, 0

 0, 0, 0

 151, 174, 102

 145, 174, 85

 151, 174, 102

 157, 174, 119

■ 140, 174, 67

■ 162, 174, 137

■ 134, 174, 50

■ 168, 174, 154

■ 129, 174, 32

■ 173, 174, 172

■ 123, 174, 15

■ 179, 174, 189

■ 118, 174, 0

■ 184, 174, 206

■ 190, 174, 224

■ 195, 174, 241

■ 201, 174, 255

Harmonies

Analogous

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



188, 163, 93



151, 174, 102



108, 181, 129

Triad

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



151, 174, 102



30, 178, 227



232, 137, 166

Complementary

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



151, 174, 102



125, 102, 174

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.



211, 143, 202



151, 174, 102



111, 169, 237

Square

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



151, 174, 102



0, 183, 200



169, 156, 227



233, 140, 131

Rectangle

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



151, 174, 102



73, 184, 152



169, 156, 227



227, 138, 179

Sweetspot

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



151, 174, 102



218, 227, 200



174, 125, 102



110, 115, 99



242, 242, 242



115, 115, 115

Same Dimension

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



151, 174, 102



191, 227, 113



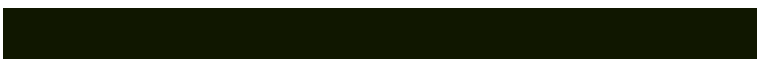
115, 174, 102



84, 87, 78



102, 150, 0



16, 23, 0

Inverse Universe

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



125, 102, 174



150, 113, 227



161, 102, 174



81, 78, 87



48, 0, 150



7, 0, 23

Previews

White Background



This preview shows how the RGB color 151, 174, 102 looks on a white background.

Color Contrast Check

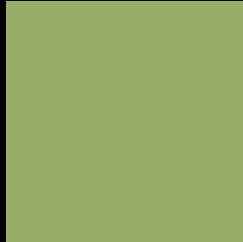
Large Text (above 18pt) WCAG AA × Fail

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 151, 174, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

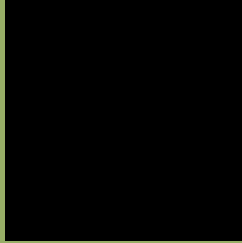
Any Text WCAG AA ✓ Pass

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 151, 174, 102 Background



This preview shows how black text looks on a background with the RGB color 151, 174, 102.



This preview shows how white text looks on a background with the RGB color 151, 174, 102.

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](#).

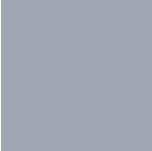
Dichromacy



Original Color
151, 174, 102

Protanopia
181, 165, 99

Deuteranopia
199, 158, 106



Tritanopia
161, 165, 178

Trichromacy



Original Color
151, 174, 102

Protanomaly
170, 168, 100

Deuteranomaly
182, 164, 105

Tritanomaly
157, 168, 150

Monochromacy



Original Color
151, 174, 102

Achromatopsia
159, 159, 159

Achromatomaly
156, 164, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 174, 102 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(151, 174, 102)` looks like.

```
.text, #text, p{  
    color:rgb(151, 174, 102)  
}
```

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(151, 174, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 174, 102) }
```

Border

The CSS property to change the border of an element to RGB 151, 174, 102 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(151, 174, 102) }
```

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

```
.border{ border-color:rgb(151, 174, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 174, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 174, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 174, 102);  
box-shadow:4px 4px 4px 4px rgb(151, 174,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 151, 174, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 174, 102) }
```

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

```
.background{ background-color: rgb(151,  
174, 102) }
```

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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