

Converting Colors

RGB(151, 188, 117)

Have a look what the booklet for
RGB(151, 188, 117) contains.

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Color

RGB(151, 188, 117)

Conversions

Conversions Part 1

Format	Color
Hex	97BC75
RGB	151, 188, 117
RGB Percent	59%, 74%, 46%
CMY	0.4078, 0.2627, 0.5412
CMYK	0.20, 0.00, 0.38, 0.26
HSL	91°, 35%, 60%
HSV	91°, 38%, 74%
XYZ	33.9566, 43.8301, 23.5000
YIQ	168.8430, 0.7390, -29.9250

Conversions

Conversions Part 2

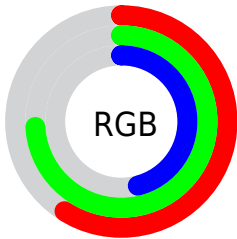
Format	Color
RYB	117, 188, 154
Decimal	9944181
CIELab	72.11, -25.02, 31.95
CIElCh	72, 40.584, 128.061
Yxy	43.8301, 0.3353, 0.4327
Android (android.graphics.Color)	4288134261 (0xFF97BC75)
YUV	168.8430, -25.5586, -15.6483
Hunter-Lab	66.2043, -24.3038, 25.2974

Details

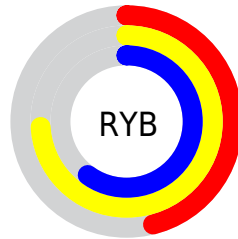
The RGB color **151, 188, 117** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **154, 117, 188**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **206, 244, 170**, and **99, 135, 67** is the 20% darker color. If you saturate the color by 10%, you get **141, 188, 98**, and if you desaturate by 10%, it is **161, 188, 136**.

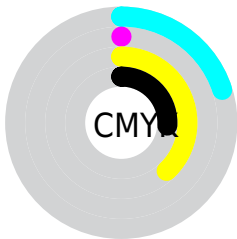
Distribution



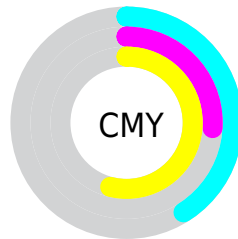
- Red (59%)
- Green (74%)
- Blue (46%)



- Red (46%)
- Yellow (74%)
- Blue (60%)



- Cyan (20%)
- Magenta (0%)
- Yellow (38%)
- Black (26%)




- Cyan (41%)
- Magenta (26%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 188, 117 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, 188, 117 by changing the saturation by 10% instead.

 151, 188, 117


255, 255, 255


 206, 244, 170

 235, 255, 197

 255, 255, 226


255, 255, 254

 151, 188, 117

 151, 188, 117

 124, 161, 92

 99, 135, 67

 74, 109, 44


 49, 85, 20


 25, 61, 0


 0, 39, 0


 0, 14, 0


 0, 0, 0


 151, 188, 117


 141, 188, 98

 161, 188, 136


 131, 188, 79


 171, 188, 155


 122, 188, 61


 180, 188, 173


 112, 188, 42


 190, 188, 192


 102, 188, 23

 200, 188, 211

 92, 188, 4

 210, 188, 230

 90, 188, 0

 220, 188, 249

 229, 188, 255

 239, 188, 255

Harmonies

Analogous

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



191, 178, 102



151, 188, 117



104, 194, 148

Triad

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



151, 188, 117



68, 188, 245



248, 148, 168

Complementary

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



151, 188, 117



154, 117, 188

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.



231, 152, 205



151, 188, 117



139, 177, 250

Square

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



151, 188, 117



0, 195, 221



194, 163, 235



244, 153, 133

Rectangle

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



151, 188, 117



67, 196, 173



194, 163, 235



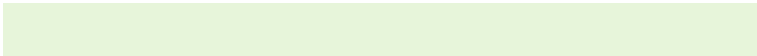
245, 148, 181

Sweetspot

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



151, 188, 117



231, 245, 218



188, 154, 117



114, 122, 106



250, 250, 250



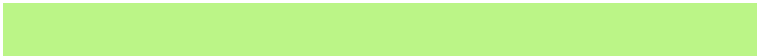
122, 122, 122

Same Dimension

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



151, 188, 117



187, 245, 135



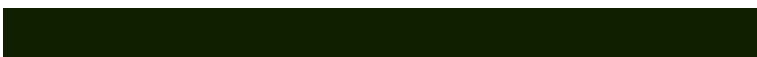
117, 188, 118



89, 94, 85



76, 158, 0



15, 31, 0

Inverse Universe

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



154, 117, 188



192, 135, 245



188, 117, 187



90, 85, 94



82, 0, 158



16, 0, 31

Previews

White Background



This preview shows how the RGB color 151, 188, 117 looks on a white background.

Color Contrast Check

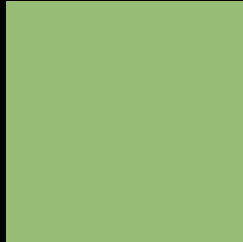
Large Text (above 18pt) WCAG AA × Fail

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, 188, 117 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, 188, 117 Background



This preview shows how black text looks on a background with the RGB color 151, 188, 117.



This preview shows how white text looks on a background with the RGB color 151, 188, 117.

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, 188, 117

Protanopia
192, 176, 112

Deuteranopia
211, 169, 121



Tritanopia
162, 179, 193

Trichromacy



Original Color
151, 188, 117

Protanomaly
177, 180, 114

Deuteranomaly
189, 176, 120

Tritanomaly
158, 182, 165

Monochromacy



Original Color
151, 188, 117

Achromatopsia
169, 169, 169

Achromatomaly
162, 176, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 188, 117 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, 188, 117)` looks like.

```
.text, #text, p{  
    color:rgb(151, 188, 117)  
}
```

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, 188, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 188, 117) }
```

Border

The CSS property to change the border of an element to RGB 151, 188, 117 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, 188, 117) }
```

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

```
.border{ border-color:rgb(151, 188, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 188, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 188, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 188, 117);  
box-shadow:4px 4px 4px 4px rgb(151, 188,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 151, 188, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 188, 117) }
```

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

```
.background{ background-color: rgb(151,  
188, 117) }
```

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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