

Converting Colors

RGB(159, 197, 122)

Have a look what the booklet for
RGB(159, 197, 122) contains.

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Color

RGB(159, 197, 122)

Conversions

Conversions Part 1

Format	Color
Hex	9FC57A
RGB	159, 197, 122
RGB Percent	62%, 77%, 48%
CMY	0.3765, 0.2275, 0.5216
CMYK	0.19, 0.00, 0.38, 0.23
HSL	90°, 39%, 63%
HSV	90°, 38%, 77%
XYZ	37.7772, 48.7086, 25.8230
YIQ	177.0880, 1.4270, -31.3810

Conversions

Conversions Part 2

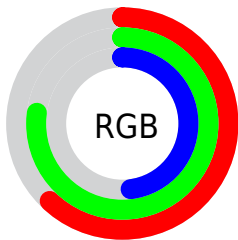
Format	Color
RYB	122, 197, 160
Decimal	10470778
CIELab	75.27, -25.78, 33.56
CIELCh	75, 42.324, 127.530
Yxy	48.7086, 0.3364, 0.4337
Android (android.graphics.Color)	4288660858 (0xFF9FC57A)
YUV	177.0880, -27.1584, -15.8632
Hunter-Lab	69.7915, -25.5156, 26.9167

Details

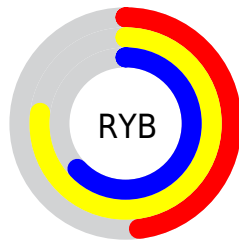
The RGB color **159, 197, 122** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **160, 122, 197**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **215, 254, 175**, and **106, 143, 72** is the 20% darker color. If you saturate the color by 10%, you get **149, 197, 102**, and if you desaturate by 10%, it is **169, 197, 142**.

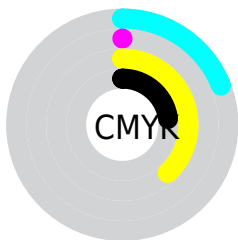
Distribution



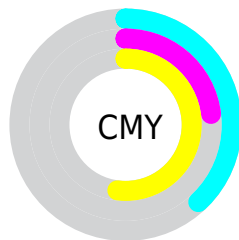
- Red (62%)
- Green (77%)
- Blue (48%)



- Red (48%)
- Yellow (77%)
- Blue (63%)



- Cyan (19%)
- Magenta (0%)
- Yellow (38%)
- Black (23%)




- Cyan (38%)
- Magenta (23%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 197, 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 159, 197, 122 by changing the saturation by 10% instead.

 159, 197, 122

255, 255, 255

 215, 254, 175


 243, 255, 203

 255, 255, 231


 159, 197, 122

 132, 170, 97

 106, 143, 72

 81, 117, 48

 56, 92, 24


 31, 69, 0

 6, 46, 0

 0, 27, 0

 0, 0, 0

 159, 197, 122

 159, 197, 122

 149, 197, 102

 169, 197, 142

 139, 197, 83

 179, 197, 161

 129, 197, 63

 189, 197, 181

 119, 197, 43

 199, 197, 201

 109, 197, 24

 209, 197, 221

 99, 197, 4

 219, 197, 240

 97, 197, 0

 229, 197, 255

 239, 197, 255

 249, 197, 255

Harmonies

Analogous

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



201, 186, 107



159, 197, 122



110, 204, 154

Triad

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



159, 197, 122



69, 197, 255



255, 155, 177

Complementary

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



159, 197, 122



160, 122, 197

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.



242, 159, 216



159, 197, 122



144, 186, 255

Square

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



159, 197, 122



0, 204, 232



203, 172, 247



255, 160, 140

Rectangle

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



159, 197, 122



71, 206, 181



203, 172, 247



255, 155, 190

Sweetspot

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



159, 197, 122



241, 255, 227



197, 160, 122



119, 128, 111



0, 0, 0



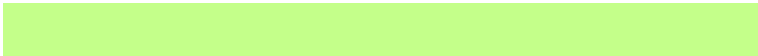
128, 128, 128

Same Dimension

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



159, 197, 122



196, 255, 138



122, 197, 122



94, 99, 90



81, 163, 0



18, 36, 0

Inverse Universe

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



160, 122, 197



197, 138, 255



197, 122, 197



95, 90, 99



83, 0, 163



18, 0, 36

Previews

White Background



This preview shows how the RGB color 159, 197, 122 looks on a white background.

Color Contrast Check

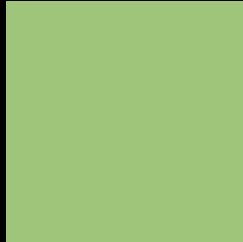
Large Text (above 18pt) WCAG AA × Fail

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 159, 197, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

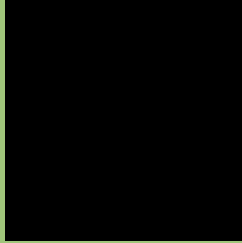
Any Text WCAG AA ✓ Pass

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 159, 197, 122 Background



This preview shows how black text looks on a background with the RGB color 159, 197, 122.



This preview shows how white text looks on a background with the RGB color 159, 197, 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
159, 197, 122

Protanopia
201, 185, 117

Deuteranopia
221, 177, 127



Tritanopia
171, 187, 202

Trichromacy



Original Color
159, 197, 122

Protanomaly
186, 189, 119

Deuteranomaly
198, 184, 125

Tritanomaly
167, 191, 173

Monochromacy



Original Color
159, 197, 122

Achromatopsia
177, 177, 177

Achromatomaly
170, 184, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 197, 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(159, 197, 122)` looks like.

```
.text, #text, p{  
    color:rgb(159, 197, 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(159, 197, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 197, 122) }
```

Border

The CSS property to change the border of an element to RGB 159, 197, 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(159, 197, 122) }
```

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

```
.border{ border-color:rgb(159, 197, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 197, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 197, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 197, 122);  
box-shadow:4px 4px 4px 4px rgb(159, 197,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 159, 197, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 197, 122) }
```

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

```
.background{ background-color: rgb(159,  
197, 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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