

Converting Colors

RGB(155, 202, 106)

Have a look what the booklet for
RGB(155, 202, 106) contains.

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Color

RGB(155, 202, 106)

Conversions

Conversions Part 1

Format	Color
Hex	9BCA6A
RGB	155, 202, 106
RGB Percent	61%, 79%, 42%
CMY	0.3922, 0.2078, 0.5843
CMYK	0.23, 0.00, 0.48, 0.21
HSL	89°, 48%, 60%
HSV	89°, 48%, 79%
XYZ	37.2396, 50.2502, 21.3722
YIQ	177.0030, 2.8040, -39.8200

Conversions

Conversions Part 2

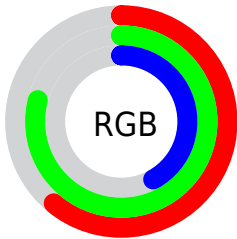
Format	Color
RYB	106, 202, 153
Decimal	10209898
CIELab	76.22, -31.64, 42.77
CIElCh	76, 53.204, 126.493
Yxy	50.2502, 0.3421, 0.4616
Android (android.graphics.Color)	4288399978 (0xFF9BCA6A)
YUV	177.0030, -35.0045, -19.2966
Hunter-Lab	70.8874, -30.2807, 31.7455

Details

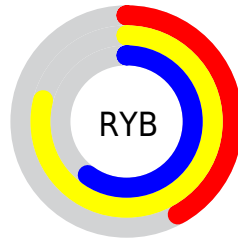
The RGB color **155, 202, 106** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **153, 106, 202**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **211, 255, 159**, and **101, 148, 55** is the 20% darker color. If you saturate the color by 10%, you get **145, 202, 86**, and if you desaturate by 10%, it is **165, 202, 126**.

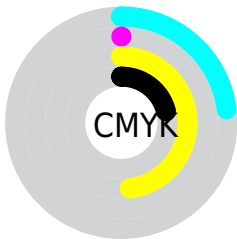
Distribution



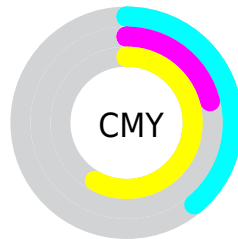
- Red (61%)
- Green (79%)
- Blue (42%)



- Red (42%)
- Yellow (79%)
- Blue (60%)



- Cyan (23%)
- Magenta (0%)
- Yellow (48%)
- Black (21%)



- Cyan (39%)
- Magenta (21%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 155, 202, 106 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 155, 202, 106 by changing the saturation by 10% instead.

 155, 202, 106

255, 255, 255

 211, 255, 159


 240, 255, 187

 255, 255, 215

 255, 255, 244

 155, 202, 106

 128, 174, 80

 101, 148, 55

 75, 122, 30

 49, 97, 0

 23, 72, 0

 0, 49, 0

 0, 30, 0

 0, 0, 0

 155, 202, 106

 155, 202, 106

■ 145, 202, 86

■ 165, 202, 126

■ 135, 202, 66

■ 175, 202, 146

■ 125, 202, 45

■ 185, 202, 167

■ 115, 202, 25

■ 195, 202, 187

■ 106, 202, 5

■ 204, 202, 207

■ 103, 202, 0

■ 214, 202, 227

■ 224, 202, 247

■ 234, 202, 255

■ 244, 202, 255

Harmonies

Analogous

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



207, 189, 87



155, 202, 106



87, 210, 147

Triad

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



155, 202, 106



0, 204, 255



255, 147, 179

Complementary

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



155, 202, 106



153, 106, 202

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.



255, 153, 228



155, 202, 106



124, 190, 255

Square

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



155, 202, 106



0, 211, 245



206, 171, 255



255, 155, 132

Rectangle

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



155, 202, 106



0, 213, 180



206, 171, 255



255, 147, 196

Sweetspot

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



155, 202, 106



238, 255, 219



202, 152, 106



117, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



155, 202, 106



184, 255, 110



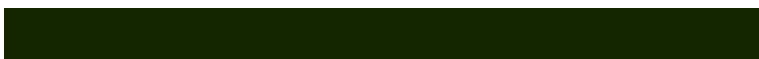
108, 202, 106



97, 102, 92



85, 166, 0



20, 38, 0

Inverse Universe

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



153, 106, 202



181, 110, 255



200, 106, 202



97, 92, 102



81, 0, 166



19, 0, 38

Previews

White Background



This preview shows how the RGB color 155, 202, 106 looks on a white background.

Color Contrast Check

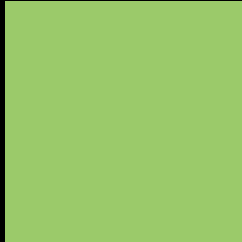
Large Text (above 18pt) WCAG AA × Fail

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 155, 202, 106 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 155, 202, 106 Background



This preview shows how black text looks on a background with the RGB color 155, 202, 106.

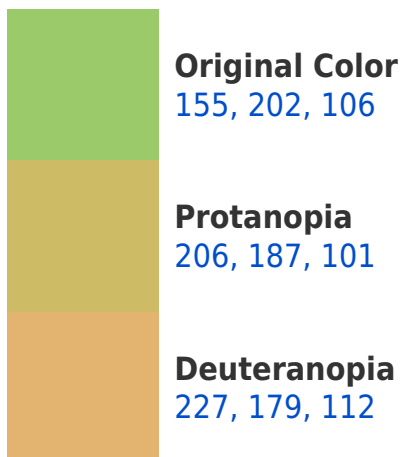


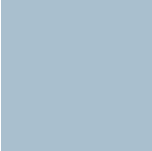
This preview shows how white text looks on a background with the RGB color 155, 202, 106.

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
169, 191, 206

Trichromacy



Original Color
155, 202, 106

Protanomaly
187, 192, 103

Deuteranomaly
201, 187, 110

Tritanomaly
164, 195, 170

Monochromacy



Original Color
155, 202, 106

Achromatopsia
177, 177, 177

Achromatomaly
169, 186, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 202, 106 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(155, 202, 106)` looks like.

```
.text, #text, p{  
    color:rgb(155, 202, 106)  
}
```

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(155, 202, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 202, 106) }
```

Border

The CSS property to change the border of an element to RGB 155, 202, 106 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(155, 202, 106) }
```

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

```
.border{ border-color:rgb(155, 202, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 202, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 202, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 202, 106);  
box-shadow:4px 4px 4px 4px rgb(155, 202,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 155, 202, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 202, 106) }
```

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

```
.background{ background-color: rgb(155,  
202, 106) }
```

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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