

Converting Colors

RGB(157, 158, 106)

Have a look what the booklet for
RGB(157, 158, 106) contains.

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Color

RGB(157, 158, 106)

Conversions

Conversions Part 1

Format	Color
Hex	9D9E6A
RGB	157, 158, 106
RGB Percent	62%, 62%, 42%
CMY	0.3843, 0.3804, 0.5843
CMYK	0.01, 0.00, 0.33, 0.38
HSL	61°, 21%, 52%
HSV	61°, 33%, 62%
XYZ	28.7330, 32.6624, 18.4258
YIQ	151.7730, 16.0960, -16.3840

Conversions

Conversions Part 2

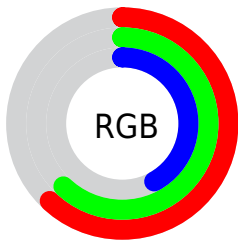
Format	Color
RYB	106, 158, 107
Decimal	10329706
CIELab	63.89, -8.77, 27.11
CIELCh	64, 28.494, 107.922
Yxy	32.6624, 0.3600, 0.4092
Android (android.graphics.Color)	4288519786 (0xFF9D9E6A)
YUV	151.7730, -22.5661, 4.5841
Hunter-Lab	57.1511, -10.2725, 20.8904

Details

The RGB color **157, 158, 106** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **107, 106, 158**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **212, 213, 158**, and **105, 107, 58** is the 20% darker color. If you saturate the color by 10%, you get **157, 158, 90**, and if you desaturate by 10%, it is **157, 158, 122**.

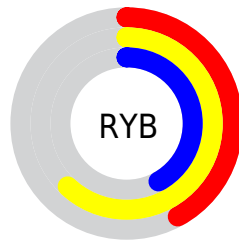
Distribution



Red (62%)

Green (62%)

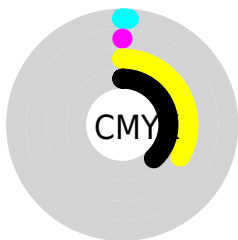
Blue (42%)



Red (42%)

Yellow (62%)

Blue (42%)

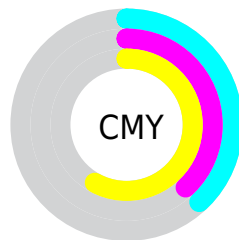


Cyan (1%)

Magenta (0%)

Yellow (33%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 158, 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 157, 158, 106 by changing the saturation by 10% instead.

 157, 158, 106

255, 255, 255


 212, 213, 158


 241, 241, 185

 255, 255, 213

 255, 255, 241

 157, 158, 106

 130, 132, 81

 105, 107, 58

 80, 83, 35

 56, 60, 13

 34, 38, 0


 0, 18, 0

 0, 0, 0

 157, 158, 106

 157, 158, 90

 157, 158, 106

 157, 158, 122

156, 158, 74

158, 158, 138

156, 158, 59

158, 158, 153

156, 158, 43

158, 158, 169

155, 158, 27

159, 158, 185

155, 158, 11

159, 158, 201

155, 158, 0

159, 158, 217

159, 158, 232

160, 158, 248

Harmonies

Analogous

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



182, 150, 105



157, 158, 106



128, 164, 120

Triad

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



157, 158, 106



77, 166, 192



198, 137, 166

Complementary

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



157, 158, 106



107, 106, 158

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.



177, 143, 189



157, 158, 106



106, 160, 204

Square

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



157, 158, 106



75, 169, 169



144, 152, 203



206, 136, 140

Rectangle

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



157, 158, 106



108, 167, 135



144, 152, 203



193, 138, 174

Sweetspot

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



157, 158, 106



206, 207, 186



158, 107, 106



104, 105, 92



232, 232, 232



105, 105, 105

Same Dimension

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



157, 158, 106



205, 207, 126



131, 158, 106



79, 79, 71



140, 143, 0



15, 15, 0

Inverse Universe

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



107, 106, 158



128, 126, 207



133, 106, 158



71, 71, 79



3, 0, 143



0, 0, 15

Previews

White Background



This preview shows how the RGB color 157, 158, 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 157, 158, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

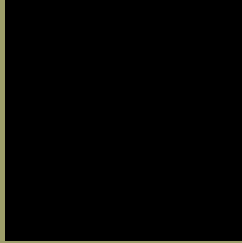
Any Text WCAG AA ✓ Pass

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 157, 158, 106 Background



This preview shows how black text looks on a background with the RGB color 157, 158, 106.



This preview shows how white text looks on a background with the RGB color 157, 158, 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



Original Color


157, 158, 106

Protanopia

168, 155, 105

Deuteranopia

184, 148, 108



Tritanopia
164, 151, 163

Trichromacy



Original Color
157, 158, 106

Protanomaly
164, 156, 105

Deuteranomaly
174, 152, 107

Tritanomaly
161, 154, 142

Monochromacy



Original Color
157, 158, 106

Achromatopsia
152, 152, 152

Achromatomaly
154, 154, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 158, 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(157, 158, 106)` looks like.

```
.text, #text, p{  
    color:rgb(157, 158, 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(157, 158, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 158, 106) }
```

Border

The CSS property to change the border of an element to RGB 157, 158, 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(157, 158, 106) }
```

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

```
.border{ border-color:rgb(157, 158, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 158, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 158, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 158, 106);  
box-shadow:4px 4px 4px 4px rgb(157, 158,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 157, 158, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 158, 106) }
```

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

```
.background{ background-color: rgb(157,  
158, 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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