

Converting Colors

RGB(199, 157, 105)

Have a look what the booklet for
RGB(199, 157, 105) contains.

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Color

RGB(199, 157, 105)

Conversions

Conversions Part 1

Format	Color
Hex	C79D69
RGB	199, 157, 105
RGB Percent	78%, 62%, 41%
CMY	0.2196, 0.3843, 0.5882
CMYK	0.00, 0.21, 0.47, 0.22
HSL	33°, 46%, 60%
HSV	33°, 47%, 78%
XYZ	38.1600, 37.2760, 18.5483
YIQ	163.6300, 41.7240, -7.2680

Conversions

Conversions Part 2

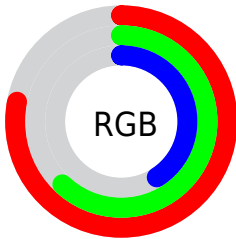
Format	Color
RYB	181, 199, 105
Decimal	13081961
CIELab	67.48, 9.02, 33.07
CIElCh	67, 34.275, 74.750
Yxy	37.2760, 0.4060, 0.3966
Android (android.graphics.Color)	4291272041 (0xFFC79D69)
YUV	163.6300, -28.9046, 31.0195
Hunter-Lab	61.0541, 4.7213, 24.7254

Details

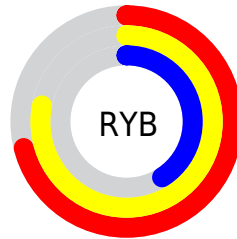
The RGB color **199, 157, 105** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **105, 147, 199**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 211, 157**, and **143, 106, 57** is the 20% darker color. If you saturate the color by 10%, you get **199, 148, 85**, and if you desaturate by 10%, it is **199, 166, 125**.

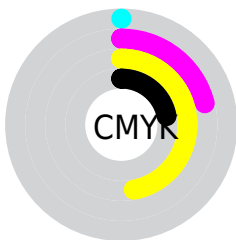
Distribution



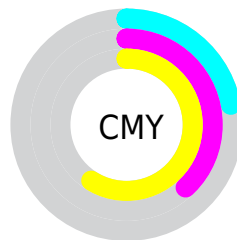
- Red (78%)
- Green (62%)
- Blue (41%)



- Red (71%)
- Yellow (78%)
- Blue (41%)



- Cyan (0%)
- Magenta (21%)
- Yellow (47%)
- Black (22%)



- Cyan (22%)
- Magenta (38%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 157, 105 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 199, 157, 105 by changing the saturation by 10% instead.

 199, 157, 105

255, 255, 255


 255, 211, 157

 255, 240, 184

 255, 255, 212

 255, 255, 240

 199, 157, 105

 171, 131, 80

 143, 106, 57

 116, 82, 33

 89, 59, 10

 64, 37, 0

 39, 17, 0

 0, 0, 0

 199, 157, 105

 199, 148, 85

 199, 157, 105

 199, 166, 125

 199, 139, 65

 199, 175, 145

 199, 130, 45

 199, 184, 165

 199, 121, 25

 199, 193, 185

 199, 113, 5

 199, 201, 205

 199, 110, 0

 199, 210, 224

 199, 219, 244

 199, 228, 255

 199, 237, 255

Harmonies

Analogous

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



219, 147, 122



199, 157, 105



170, 167, 104

Triad

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



199, 157, 105



60, 181, 179



187, 151, 208

Complementary

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



199, 157, 105



105, 147, 199

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.



145, 162, 224



199, 157, 105



53, 178, 207

Square

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



199, 157, 105



97, 180, 147



95, 172, 223



215, 142, 181

Rectangle

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



199, 157, 105



147, 173, 113



95, 172, 223



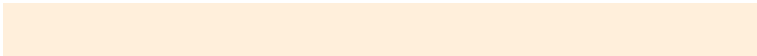
175, 155, 215

Sweetspot

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



199, 157, 105



255, 239, 219



199, 105, 147



128, 118, 106



0, 0, 0



128, 128, 128

Same Dimension

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



199, 157, 105



255, 190, 110



194, 199, 105



99, 95, 90



163, 90, 0



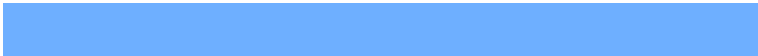
36, 20, 0

Inverse Universe

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



105, 147, 199



110, 175, 255



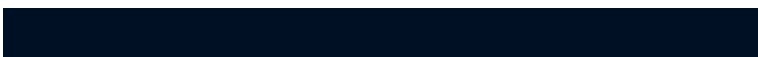
110, 105, 199



90, 94, 99



0, 73, 163



0, 16, 36

Previews

White Background



This preview shows how the RGB color 199, 157, 105 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 199, 157, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

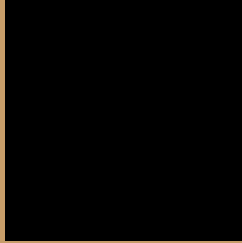
Any Text WCAG AA ✓ Pass

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 199, 157, 105 Background



This preview shows how black text looks on a background with the RGB color 199, 157, 105.


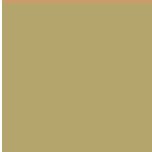




This preview shows how white text looks on a background with the RGB color 199, 157, 105.

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 199, 157, 105
	Protanopia 179, 165, 108
	Deuteranopia 198, 157, 105



Tritanopia
204, 150, 161

Trichromacy



Original Color
199, 157, 105

Protanomaly
186, 162, 107

Deuteranomaly
198, 157, 105

Tritanomaly
202, 153, 141

Monochromacy



Original Color
199, 157, 105

Achromatopsia
164, 164, 164

Achromatomaly
177, 161, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 157, 105 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(199, 157, 105)` looks like.

```
.text, #text, p{  
    color:rgb(199, 157, 105)  
}
```

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(199, 157, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 157, 105) }
```

Border

The CSS property to change the border of an element to RGB 199, 157, 105 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(199, 157, 105) }
```

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

```
.border{ border-color:rgb(199, 157, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 157, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 157, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 157, 105);  
box-shadow:4px 4px 4px 4px rgb(199, 157,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 199, 157, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 157, 105) }
```

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

```
.background{ background-color: rgb(199,  
157, 105) }
```

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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