

Converting Colors

RGB(198, 153, 113)

Have a look what the booklet for
RGB(198, 153, 113) contains.

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Color

RGB(198, 153, 113)

Conversions

Conversions Part 1

Format	Color
Hex	C69971
RGB	198, 153, 113
RGB Percent	78%, 60%, 44%
CMY	0.2235, 0.4000, 0.5569
CMYK	0.00, 0.23, 0.43, 0.22
HSL	28°, 43%, 61%
HSV	28°, 43%, 78%
XYZ	37.6606, 35.9805, 20.5828
YIQ	161.8950, 39.6600, -2.9000

Conversions

Conversions Part 2

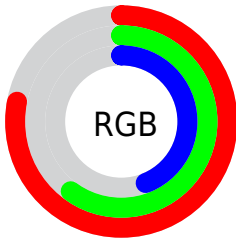
Format	Color
RYB	198, 189, 113
Decimal	13015409
CIELab	66.51, 11.62, 27.47
CIELCh	67, 29.823, 67.074
Yxy	35.9805, 0.3997, 0.3819
Android (android.graphics.Color)	4291205489 (0xFFC69971)
YUV	161.8950, -24.1052, 31.6641
Hunter-Lab	59.9837, 7.0990, 21.6439

Details

The RGB color **198, 153, 113** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **113, 158, 198**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 207, 165**, and **142, 102, 64** is the 20% darker color. If you saturate the color by 10%, you get **198, 143, 93**, and if you desaturate by 10%, it is **198, 163, 133**.

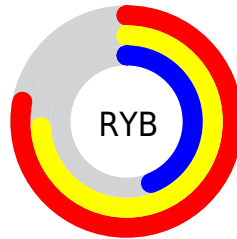
Distribution



Red (78%)

Green (60%)

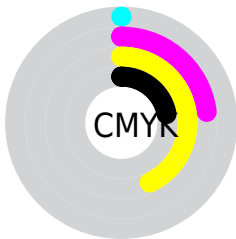
Blue (44%)



Red (78%)

Yellow (74%)

Blue (44%)

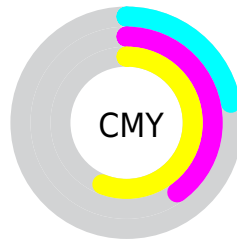


Cyan (0%)

Magenta (23%)

Yellow (43%)

Black (22%)



Cyan (22%)

Magenta (40%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 153, 113 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 198, 153, 113 by changing the saturation by 10% instead.

 198, 153, 113

255, 255, 255

 255, 207, 165

 255, 236, 192


 255, 255, 220

 255, 255, 249

 198, 153, 113

 170, 127, 88

 142, 102, 64

 115, 78, 42

 89, 55, 20

 64, 33, 0


 39, 13, 0


 0, 0, 0

 198, 153, 113


 198, 143, 93


 198, 153, 113


 198, 163, 133

 198, 132, 73


 198, 174, 153

 198, 122, 54

 198, 184, 172

 198, 111, 34

 198, 195, 192

 198, 101, 14

 198, 205, 212

 198, 93, 0

 198, 216, 232

 198, 226, 252

 198, 237, 255

 198, 247, 255

Harmonies

Analogous

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



213, 145, 131



198, 153, 113



174, 162, 108

Triad

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



198, 153, 113



85, 177, 167



174, 153, 205

Complementary

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



198, 153, 113



113, 158, 198

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.



136, 162, 215



198, 153, 113



74, 175, 193

Square

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



198, 153, 113



113, 175, 140



97, 170, 210



201, 145, 183

Rectangle

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



198, 153, 113



155, 167, 113



97, 170, 210



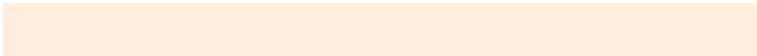
162, 156, 209

Sweetspot

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



198, 153, 113



255, 237, 222



198, 113, 158



128, 117, 107



0, 0, 0



128, 128, 128

Same Dimension

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



198, 153, 113



255, 185, 122



198, 195, 113



99, 94, 90



163, 77, 0



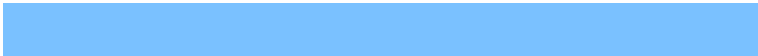
36, 17, 0

Inverse Universe

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



113, 158, 198



122, 193, 255



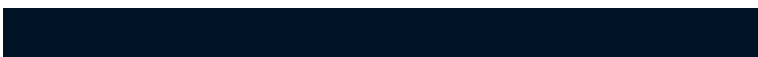
113, 116, 198



90, 95, 99



0, 86, 163



0, 19, 36

Previews

White Background



This preview shows how the RGB color 198, 153, 113 looks on a white background.

Color Contrast Check

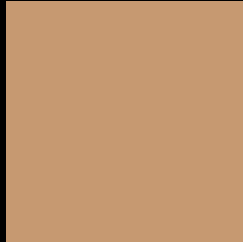
Large Text (above 18pt) WCAG AA × Fail

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 198, 153, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

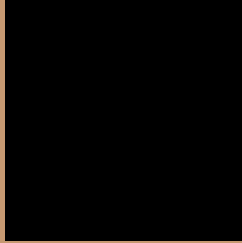
Any Text WCAG AA ✓ Pass

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 198, 153, 113 Background



This preview shows how black text looks on a background with the RGB color 198, 153, 113.



This preview shows how white text looks on a background with the RGB color 198, 153, 113.

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
198, 153, 113

Protanopia
174, 162, 117

Deuteranopia
193, 155, 113



Tritanopia

202, 147, 158

Trichromacy



Original Color
198, 153, 113

Protanomaly
183, 159, 116

Deuteranomaly
195, 154, 113

Tritanomaly
201, 149, 142

Monochromacy



Original Color
198, 153, 113

Achromatopsia
162, 162, 162

Achromatomaly
175, 159, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 153, 113 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(198, 153, 113)` looks like.

```
.text, #text, p{  
    color:rgb(198, 153, 113)  
}
```

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(198, 153, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 153, 113) }
```

Border

The CSS property to change the border of an element to RGB 198, 153, 113 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(198, 153, 113) }
```

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

```
.border{ border-color:rgb(198, 153, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 153, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 153, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 153, 113);  
box-shadow:4px 4px 4px 4px rgb(198, 153,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 198, 153, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 153, 113) }
```

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

```
.background{ background-color: rgb(198,  
153, 113) }
```

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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