

Converting Colors

RGB(193, 149, 113)

Have a look what the booklet for
RGB(193, 149, 113) contains.

RGB(193, 149, 113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(193, 149, 113)

Conversions

Conversions Part 1

Format	Color
Hex	C19571
RGB	193, 149, 113
RGB Percent	76%, 58%, 44%
CMY	0.2431, 0.4157, 0.5569
CMYK	0.00, 0.23, 0.41, 0.24
HSL	27°, 39%, 60%
HSV	27°, 41%, 76%
XYZ	35.7204, 34.0246, 20.3075
YIQ	158.0520, 37.7800, -1.8680

Conversions

Conversions Part 2

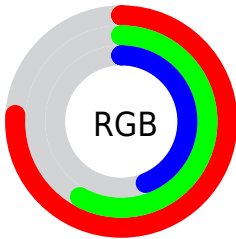
Format	Color
RYB	193, 178, 113
Decimal	12686705
CIELab	64.98, 11.76, 25.36
CIElCh	65, 27.951, 65.111
Yxy	34.0246, 0.3967, 0.3778
Android (android.graphics.Color)	4290876785 (0xFFC19571)
YUV	158.0520, -22.2106, 30.6494
Hunter-Lab	58.3306, 7.2310, 20.1899

Details

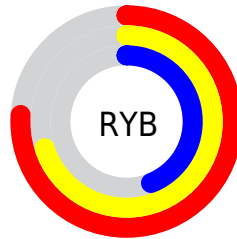
The RGB color **193, 149, 113** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **113, 157, 193**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **251, 203, 165**, and **138, 98, 65** is the 20% darker color. If you saturate the color by 10%, you get **193, 138, 94**, and if you desaturate by 10%, it is **193, 160, 132**.

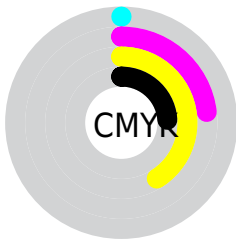
Distribution



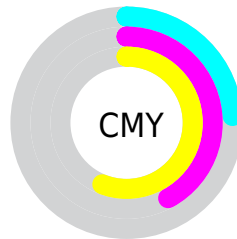
- Red (76%)
- Green (58%)
- Blue (44%)



- Red (76%)
- Yellow (70%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (24%)



- Cyan (24%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 149, 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 193, 149, 113 by changing the saturation by 10% instead.

 193, 149, 113

255, 255, 255


 251, 203, 165

 255, 231, 192


 255, 255, 220

 255, 255, 249

 193, 149, 113

 165, 123, 88

 138, 98, 65

 111, 74, 42


 85, 52, 20

 61, 30, 0

 36, 8, 0

 0, 0, 0

 193, 149, 113

 193, 138, 94

 193, 149, 113

 193, 160, 132

■ 193, 128, 74

■ 193, 170, 152

■ 193, 117, 55

■ 193, 181, 171

■ 193, 107, 36

■ 193, 191, 190

■ 193, 96, 16

■ 193, 202, 209

■ 193, 87, 0

■ 193, 213, 229

■ 193, 223, 248

■ 193, 234, 255

■ 193, 245, 255

Harmonies

Analogous

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



206, 142, 130



193, 149, 113



171, 157, 108

Triad

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



193, 149, 113



89, 172, 161



167, 150, 199

Complementary

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



193, 149, 113



113, 157, 193

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.



131, 159, 207



193, 149, 113



78, 170, 186

Square

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



193, 149, 113



115, 170, 136



96, 166, 202



193, 142, 179

Rectangle

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



193, 149, 113



153, 163, 112



96, 166, 202



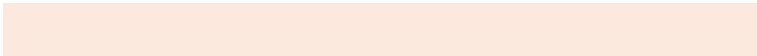
156, 153, 203

Sweetspot

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



193, 149, 113



250, 233, 220



193, 113, 157



125, 115, 107



252, 252, 252



125, 125, 125

Same Dimension

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



193, 149, 113



250, 181, 125



193, 189, 113



97, 92, 87



161, 72, 0



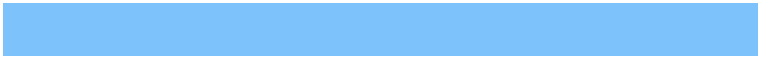
33, 15, 0

Inverse Universe

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



113, 157, 193



125, 194, 250



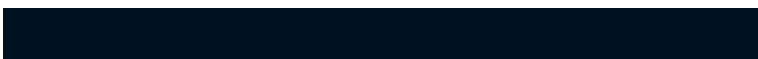
113, 117, 193



87, 93, 97



0, 88, 161



0, 18, 33

Previews

White Background



This preview shows how the RGB color 193, 149, 113 looks on a white background.

Color Contrast Check

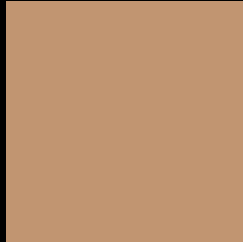
Large Text (above 18pt) WCAG AA × Fail

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 193, 149, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

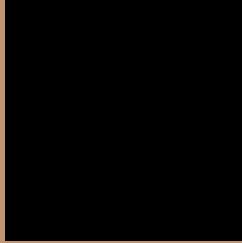
Any Text WCAG AA ✓ Pass

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 193, 149, 113 Background



This preview shows how black text looks on a background with the RGB color 193, 149, 113.



This preview shows how white text looks on a background with the RGB color 193, 149, 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
193, 149, 113

Protanopia
169, 158, 117

Deuteranopia
188, 151, 113



Tritanopia
197, 143, 154

Trichromacy



Original Color
193, 149, 113

Protanomaly
178, 155, 116

Deuteranomaly
190, 150, 113

Tritanomaly
196, 145, 139

Monochromacy



Original Color
193, 149, 113

Achromatopsia
158, 158, 158

Achromatomaly
171, 155, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 149, 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(193, 149, 113)` looks like.

```
.text, #text, p{  
    color:rgb(193, 149, 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(193, 149, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 149, 113) }
```

Border

The CSS property to change the border of an element to RGB 193, 149, 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(193, 149, 113) }
```

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

```
.border{ border-color:rgb(193, 149, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 149, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 149, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 149, 113);  
box-shadow:4px 4px 4px 4px rgb(193, 149,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 193, 149, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 149, 113) }
```

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

```
.background{ background-color: rgb(193,  
149, 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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