

Converting Colors

RGB(202, 164, 117)

Have a look what the booklet for
RGB(202, 164, 117) contains.

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Color

RGB(202, 164, 117)

Conversions

Conversions Part 1

Format	Color
Hex	CAA475
RGB	202, 164, 117
RGB Percent	79%, 64%, 46%
CMY	0.2078, 0.3569, 0.5412
CMYK	0.00, 0.19, 0.42, 0.21
HSL	33°, 45%, 63%
HSV	33°, 42%, 79%
XYZ	40.8435, 40.3918, 22.4733
YIQ	170.0040, 37.7350, -6.5610

Conversions

Conversions Part 2

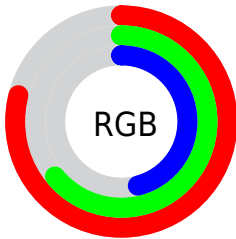
Format	Color
RYB	186, 202, 117
Decimal	13280373
CIELab	69.75, 7.71, 29.65
CIElCh	70, 30.631, 75.426
Yxy	40.3918, 0.3938, 0.3895
Android (android.graphics.Color)	4291470453 (0xFFCAA475)
YUV	170.0040, -26.1310, 28.0605
Hunter-Lab	63.5546, 3.4929, 23.5228

Details

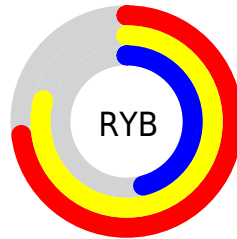
The RGB color **202, 164, 117** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **117, 155, 202**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 219, 170**, and **146, 112, 68** is the 20% darker color. If you saturate the color by 10%, you get **202, 155, 97**, and if you desaturate by 10%, it is **202, 173, 137**.

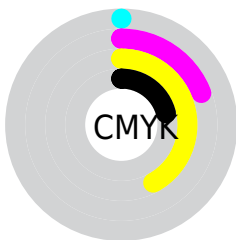
Distribution



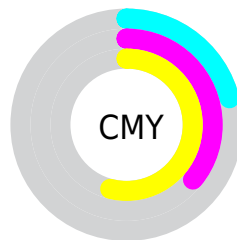
- Red (79%)
- Green (64%)
- Blue (46%)



- Red (73%)
- Yellow (79%)
- Blue (46%)



- Cyan (0%)
- Magenta (19%)
- Yellow (42%)
- Black (21%)




- Cyan (21%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 164, 117 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 202, 164, 117 by changing the saturation by 10% instead.

 202, 164, 117


255, 255, 255

 255, 219, 170


 255, 247, 197


 255, 255, 225

255, 255, 254

 202, 164, 117

 174, 138, 92

 146, 112, 68

 119, 88, 45


 93, 65, 23


 68, 43, 0

 43, 22, 0

 16, 0, 0

 0, 0, 0

 202, 164, 117

 202, 164, 117

■ 202, 155, 97

■ 202, 173, 137

■ 202, 146, 77

■ 202, 182, 157

■ 202, 137, 56

■ 202, 191, 178

■ 202, 128, 36

■ 202, 200, 198

■ 202, 119, 16

■ 202, 209, 218

■ 202, 112, 0

■ 202, 218, 238

■ 202, 227, 255

■ 202, 236, 255

■ 202, 245, 255

Harmonies

Analogous

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



220, 155, 132



202, 164, 117



175, 173, 116

Triad

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



202, 164, 117



85, 186, 184



192, 158, 210

Complementary

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



202, 164, 117



117, 155, 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.



155, 168, 224



202, 164, 117



83, 183, 209

Square

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



202, 164, 117



111, 185, 156



114, 177, 224



217, 151, 185

Rectangle

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



202, 164, 117



155, 178, 124



114, 177, 224



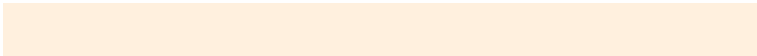
181, 161, 216

Sweetspot

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



202, 164, 117



255, 240, 222



202, 117, 155



128, 118, 107



0, 0, 0



128, 128, 128

Same Dimension

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



202, 164, 117



255, 198, 128



198, 202, 117



102, 97, 92



166, 92, 0



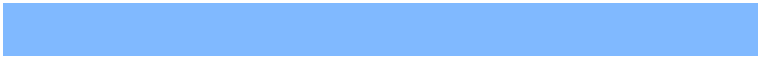
38, 21, 0

Inverse Universe

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



117, 155, 202



128, 185, 255



121, 117, 202



92, 96, 102



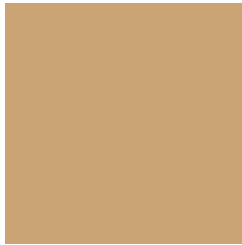
0, 74, 166



0, 17, 38

Previews

White Background



This preview shows how the RGB color 202, 164, 117 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 202, 164, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

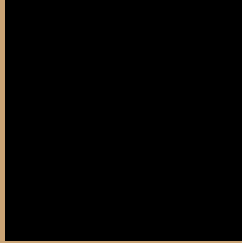
Any Text WCAG AA ✓ Pass

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 202, 164, 117 Background



This preview shows how black text looks on a background with the RGB color 202, 164, 117.



This preview shows how white text looks on a background with the RGB color 202, 164, 117.

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
202, 164, 117

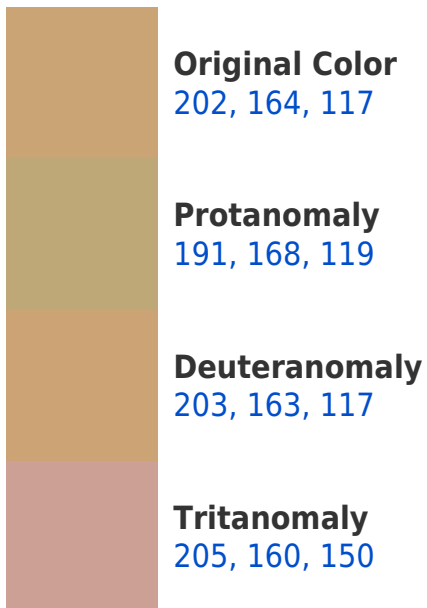
Protanopia
184, 170, 120

Deuteranopia
204, 163, 117



Tritanopia
207, 157, 169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 164, 117 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(202, 164, 117)` looks like.

```
.text, #text, p{  
    color:rgb(202, 164, 117)  
}
```

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(202, 164, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 164, 117) }
```

Border

The CSS property to change the border of an element to RGB 202, 164, 117 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(202, 164, 117) }
```

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

```
.border{ border-color:rgb(202, 164, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 164, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 164, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 164, 117); box-shadow:4px 4px 4px 4px rgb(202, 164, 117) }
```

Background

The CSS property to change the background color of an element to RGB 202, 164, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 164, 117) }
```

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

```
.background{ background-color: rgb(202,  
164, 117) }
```

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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