

Converting Colors

RGB(202, 171, 158)

Have a look what the booklet for
RGB(202, 171, 158) contains.

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Color

RGB(202, 171, 158)

Conversions

Conversions Part 1

Format	Color
Hex	CAAB9E
RGB	202, 171, 158
RGB Percent	79%, 67%, 62%
CMY	0.2078, 0.3294, 0.3804
CMYK	0.00, 0.15, 0.22, 0.21
HSL	18°, 29%, 71%
HSV	18°, 22%, 79%
XYZ	45.0916, 44.1510, 38.4932
YIQ	178.7870, 22.6490, 2.5290

Conversions

Conversions Part 2

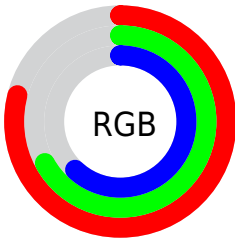
Format	Color
RYB	202, 176, 158
Decimal	13282206
CIELab	72.33, 9.23, 10.87
CIELCh	72, 14.265, 49.668
Yxy	44.1510, 0.3530, 0.3456
Android (android.graphics.Color)	4291472286 (0xFFCAAB9E)
YUV	178.7870, -10.2480, 20.3578
Hunter-Lab	66.4462, 4.8524, 12.1649

Details

The RGB color **202, 171, 158** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **158, 189, 202**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 226, 213**, and **147, 119, 107** is the 20% darker color. If you saturate the color by 10%, you get **202, 157, 138**, and if you desaturate by 10%, it is **202, 185, 178**.

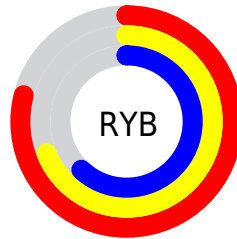
Distribution



Red (79%)

Green (67%)

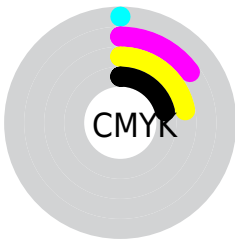
Blue (62%)



Red (79%)

Yellow (69%)

Blue (62%)

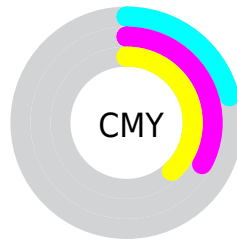


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the RGB color 202, 171, 158 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, 171, 158 by changing the saturation by 10% instead.


 202, 171, 158

 202, 171, 158

255, 255, 255

 174, 144, 132

 255, 226, 213

 147, 119, 107

 255, 255, 241

 121, 94, 82

 96, 70, 59

 72, 48, 38

 48, 27, 17


 27, 1, 0

 0, 0, 0


 202, 171, 158


 202, 171, 158

 202, 157, 138

 202, 185, 178

 202, 143, 118


 202, 199, 198

 202, 128, 97

 202, 214, 219

 202, 114, 77

 202, 228, 239

 202, 100, 57

 202, 242, 255

 202, 86, 37

 202, 255, 255

 202, 71, 17

 202, 60, 0

Harmonies

Analogous

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



205, 169, 169



202, 171, 158



192, 175, 152

Triad

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



202, 171, 158



151, 185, 172



174, 176, 202

Complementary

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



202, 171, 158



158, 189, 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.



158, 180, 203



202, 171, 158



144, 185, 186

Square

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



202, 171, 158



164, 183, 160



147, 183, 197



190, 171, 194

Rectangle

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



202, 171, 158



184, 178, 152



147, 183, 197



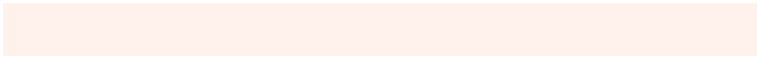
169, 177, 203

Sweetspot

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



202, 171, 158



255, 242, 237



202, 158, 190



128, 120, 117



0, 0, 0



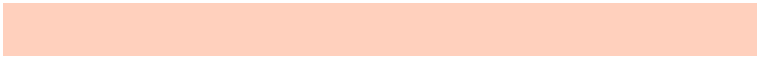
128, 128, 128

Same Dimension

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



202, 171, 158



255, 208, 189



202, 192, 158



102, 95, 92



166, 49, 0



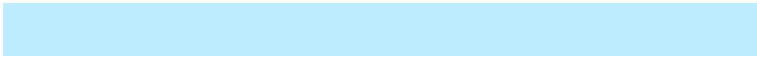
38, 11, 0

Inverse Universe

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



158, 189, 202



189, 235, 255



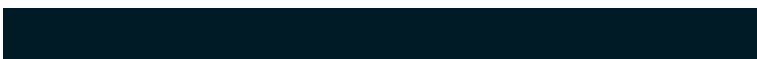
158, 168, 202



92, 99, 102



0, 117, 166



0, 27, 38

Previews

White Background



This preview shows how the RGB color 202, 171, 158 looks on a white background.

Color Contrast Check

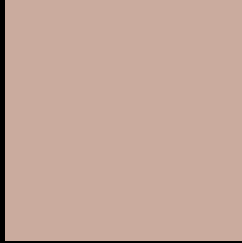
Large Text (above 18pt) WCAG AA × Fail

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, 171, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

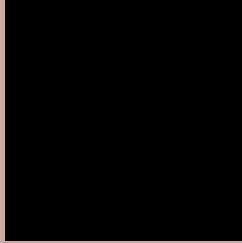
Any Text WCAG AA ✓ Pass

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, 171, 158 Background



This preview shows how black text looks on a background with the RGB color 202, 171, 158.



This preview shows how white text looks on a background with the RGB color 202, 171, 158.

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, 171, 158

Protanopia
185, 177, 161

Deuteranopia
202, 171, 158



Tritanopia
205, 168, 181

Trichromacy



Original Color
202, 171, 158

Protanomaly
191, 175, 160

Deuteranomaly
202, 171, 158

Tritanomaly
204, 169, 173

Monochromacy



Original Color
202, 171, 158

Achromatopsia
179, 179, 179

Achromatomaly
187, 176, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 171, 158 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, 171, 158) looks like.

```
.text, #text, p{  
    color:rgb(202, 171, 158)  
}
```

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, 171, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 171, 158) }
```

Border

The CSS property to change the border of an element to RGB 202, 171, 158 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, 171, 158) }
```

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

```
.border{ border-color:rgb(202, 171, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 171, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 171, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 171, 158);  
box-shadow:4px 4px 4px 4px rgb(202, 171,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 202, 171, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 171, 158) }
```

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

```
.background{ background-color: rgb(202,  
171, 158) }
```

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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