

Converting Colors

RGB(202, 193, 147)

Have a look what the booklet for
RGB(202, 193, 147) contains.

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Color

RGB(202, 193, 147)

Conversions

Conversions Part 1

Format	Color
Hex	CAC193
RGB	202, 193, 147
RGB Percent	79%, 76%, 58%
CMY	0.2078, 0.2431, 0.4235
CMYK	0.00, 0.04, 0.27, 0.21
HSL	50°, 34%, 68%
HSV	50°, 27%, 79%
XYZ	48.6935, 52.8031, 35.2293
YIQ	190.4470, 20.1300, -12.3980

Conversions

Conversions Part 2

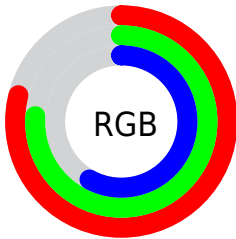
Format	Color
RYB	158, 202, 147
Decimal	13287827
CIELab	77.76, -4.05, 24.35
CIELCh	78, 24.685, 99.446
Yxy	52.8031, 0.3561, 0.3862
Android (android.graphics.Color)	4291477907 (0xFFCAC193)
YUV	190.4470, -21.4194, 10.1320
Hunter-Lab	72.6657, -7.5516, 22.1214

Details

The RGB color **202, 193, 147** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **147, 156, 202**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 249, 201**, and **147, 140, 96** is the 20% darker color. If you saturate the color by 10%, you get **202, 190, 127**, and if you desaturate by 10%, it is **202, 196, 167**.

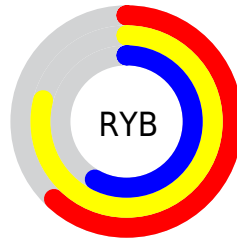
Distribution



Red (79%)

Green (76%)

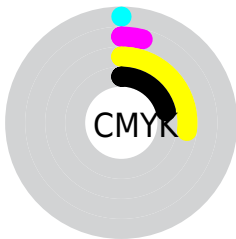
Blue (58%)



Red (62%)

Yellow (79%)

Blue (58%)

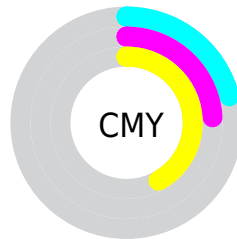


Cyan (0%)

Magenta (4%)

Yellow (27%)

Black (21%)



Cyan (21%)

Magenta (24%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 193, 147 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, 193, 147 by changing the saturation by 10% instead.


 202, 193, 147

255, 255, 255


 255, 249, 201

 255, 255, 229


 202, 193, 147

 174, 166, 121

 147, 140, 96

 121, 114, 72


 96, 90, 49

 71, 66, 27

 48, 44, 3

 26, 24, 0

 0, 0, 0

 202, 193, 147

 202, 193, 147

■ 202, 190, 127

■ 202, 196, 167

■ 202, 186, 107

■ 202, 200, 187

■ 202, 183, 86

■ 202, 203, 208

■ 202, 180, 66

■ 202, 206, 228

■ 202, 176, 46

■ 202, 210, 248

■ 202, 173, 26

■ 202, 213, 255

■ 202, 170, 6

■ 202, 216, 255

■ 202, 169, 0

■ 202, 219, 255

■ 202, 223, 255

Harmonies

Analogous

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



223, 185, 150



202, 193, 147



176, 200, 156

Triad

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



202, 193, 147



128, 204, 220



228, 178, 209

Complementary

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



202, 193, 147



147, 156, 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.



205, 184, 228



202, 193, 147



145, 199, 234

Square

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



202, 193, 147



132, 205, 199



175, 192, 237



239, 176, 186

Rectangle

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



202, 193, 147



159, 203, 168



175, 192, 237



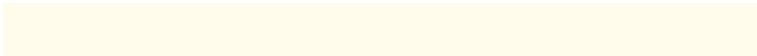
221, 179, 216

Sweetspot

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



202, 193, 147



255, 252, 235



202, 147, 156



128, 125, 115



0, 0, 0



128, 128, 128

Same Dimension

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



202, 193, 147



255, 241, 171



184, 202, 147



102, 100, 92



166, 139, 0



38, 32, 0

Inverse Universe

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



147, 156, 202



171, 185, 255



165, 147, 202



92, 93, 102



0, 27, 166



0, 6, 38

Previews

White Background



This preview shows how the RGB color 202, 193, 147 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, 193, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

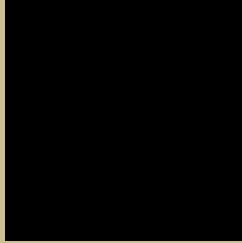
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

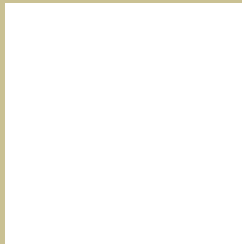
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 202, 193, 147 Background



This preview shows how black text looks on a background with the RGB color 202, 193, 147.



This preview shows how white text looks on a background with the RGB color 202, 193, 147.

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, 193, 147

Protanopia
205, 192, 146

Deuteranopia
225, 184, 149



Tritanopia
209, 186, 200

Trichromacy



Original Color

202, 193, 147

Protanomaly

204, 192, 146

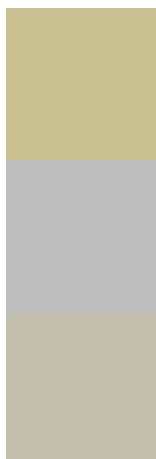
Deuteranomaly

217, 187, 148

Tritanomaly

206, 189, 181

Monochromacy



Original Color

202, 193, 147

Achromatopsia

190, 190, 190

Achromatomaly

194, 191, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 193, 147 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, 193, 147) looks like.

```
.text, #text, p{  
    color:rgb(202, 193, 147)  
}
```

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, 193, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 193, 147) }
```

Border

The CSS property to change the border of an element to RGB 202, 193, 147 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, 193, 147) }
```

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

```
.border{ border-color:rgb(202, 193, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 193, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 193, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 193, 147);  
box-shadow:4px 4px 4px 4px rgb(202, 193,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 202, 193, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 193, 147) }
```

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

```
.background{ background-color: rgb(202,  
193, 147) }
```

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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