

Converting Colors

RGB(202, 191, 118)

Have a look what the booklet for
RGB(202, 191, 118) contains.

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Color

RGB(202, 191, 118)

Conversions

Conversions Part 1

Format	Color
Hex	CABF76
RGB	202, 191, 118
RGB Percent	79%, 75%, 46%
CMY	0.2078, 0.2510, 0.5373
CMYK	0.00, 0.05, 0.42, 0.21
HSL	52°, 44%, 63%
HSV	52°, 42%, 79%
XYZ	46.2579, 51.1262, 24.5698
YIQ	185.9670, 29.9890, -20.3710

Conversions

Conversions Part 2

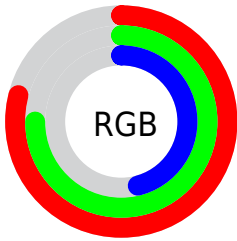
Format	Color
RYB	131, 202, 118
Decimal	13287286
CIELab	76.76, -6.51, 38.16
CIELCh	77, 38.713, 99.684
Yxy	51.1262, 0.3793, 0.4192
Android (android.graphics.Color)	4291477366 (0xFFCABF76)
YUV	185.9670, -33.5077, 14.0609
Hunter-Lab	71.5026, -9.6505, 29.6785

Details

The RGB color **202, 191, 118** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **118, 129, 202**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 247, 171**, and **146, 138, 68** is the 20% darker color. If you saturate the color by 10%, you get **202, 188, 98**, and if you desaturate by 10%, it is **202, 194, 138**.

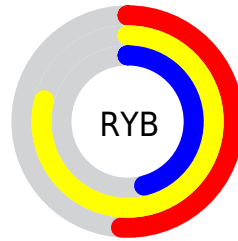
Distribution



Red (79%)

Green (75%)

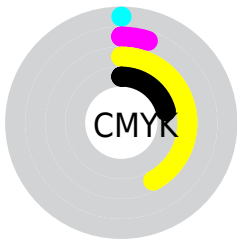
Blue (46%)



Red (51%)

Yellow (79%)

Blue (46%)

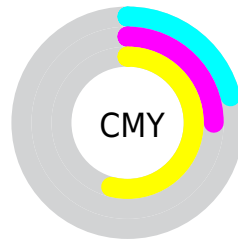


Cyan (0%)

Magenta (5%)

Yellow (42%)

Black (21%)



Cyan (21%)


Magenta (25%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 191, 118 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, 191, 118 by changing the saturation by 10% instead.


 202, 191, 118

255, 255, 255

 255, 247, 171


 255, 255, 199

 255, 255, 227

 202, 191, 118

 174, 164, 93


 146, 138, 68

 120, 112, 44

 94, 88, 19

 69, 65, 0

 44, 43, 0

 19, 23, 0

 0, 0, 0

 202, 191, 118

 202, 191, 118

■ 202, 188, 98

■ 202, 194, 138

■ 202, 186, 78

■ 202, 196, 158

■ 202, 183, 57

■ 202, 199, 179

■ 202, 180, 37

■ 202, 202, 199

■ 202, 178, 17

■ 202, 204, 219

■ 202, 176, 0

■ 202, 207, 239

■ 202, 210, 255

■ 202, 212, 255

■ 202, 215, 255

Harmonies

Analogous

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



234, 179, 123



202, 191, 118



163, 201, 133

Triad

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



202, 191, 118



53, 207, 234



244, 165, 215

Complementary

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



202, 191, 118



118, 129, 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.



209, 176, 245



202, 191, 118



98, 200, 255

Square

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



202, 191, 118



73, 209, 200



158, 189, 255



255, 162, 179

Rectangle

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



202, 191, 118



134, 205, 152



158, 189, 255



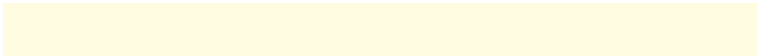
234, 168, 226

Sweetspot

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



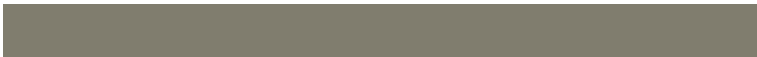
202, 191, 118



255, 251, 224



202, 118, 129



128, 125, 110



0, 0, 0



128, 128, 128

Same Dimension

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



202, 191, 118



255, 238, 128



171, 202, 118



102, 101, 92



166, 144, 0



38, 33, 0

Inverse Universe

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



118, 129, 202



128, 144, 255



149, 118, 202



92, 93, 102



0, 22, 166



0, 5, 38

Previews

White Background



This preview shows how the RGB color 202, 191, 118 looks on a white background.

Color Contrast Check

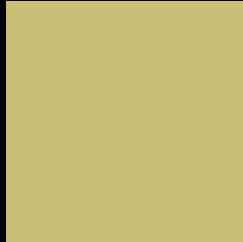
Large Text (above 18pt) WCAG AA × Fail

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, 191, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

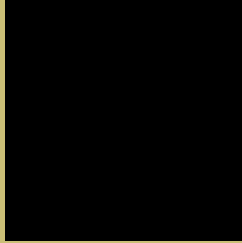
Any Text WCAG AA ✓ Pass

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, 191, 118 Background



This preview shows how black text looks on a background with the RGB color 202, 191, 118.



This preview shows how white text looks on a background with the RGB color 202, 191, 118.

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, 191, 118

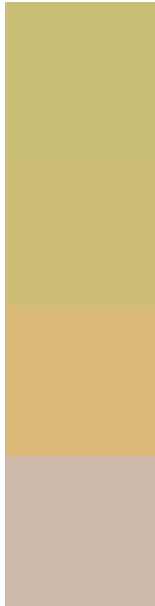
Protanopia
207, 189, 117

Deuteranopia
228, 181, 120



Tritanopia
210, 182, 196

Trichromacy



Original Color

202, 191, 118

Protanomaly

205, 190, 117

Deuteranomaly

219, 185, 119

Tritanomaly

207, 185, 168

Monochromacy



Original Color

202, 191, 118

Achromatopsia

186, 186, 186

Achromatomaly

192, 188, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 191, 118 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, 191, 118)` looks like.

```
.text, #text, p{  
    color:rgb(202, 191, 118)  
}
```

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, 191, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 191, 118) }
```

Border

The CSS property to change the border of an element to RGB 202, 191, 118 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, 191, 118) }
```

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

```
.border{ border-color:rgb(202, 191, 118) }
```

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

Here you see how a box with a 4 pixel rgb(202, 191, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 191, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 191, 118);  
box-shadow:4px 4px 4px 4px rgb(202, 191,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 202, 191, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 191, 118) }
```

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

```
.background{ background-color: rgb(202,  
191, 118) }
```

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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