

Converting Colors

RGB(206, 200, 154)

Have a look what the booklet for
RGB(206, 200, 154) contains.

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Color

RGB(206, 200, 154)

Conversions

Conversions Part 1

Format	Color
Hex	CEC89A
RGB	206, 200, 154
RGB Percent	81%, 78%, 60%
CMY	0.1922, 0.2157, 0.3961
CMYK	0.00, 0.03, 0.25, 0.19
HSL	53°, 35%, 71%
HSV	53°, 25%, 81%
XYZ	51.9406, 56.7635, 38.7907
YIQ	196.5500, 18.3420, -13.0340

Conversions

Conversions Part 2

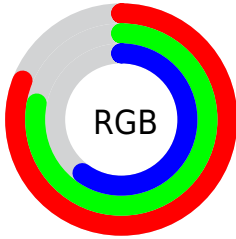
Format	Color
RYB	161, 206, 154
Decimal	13551770
CIELab	80.05, -5.21, 23.82
CIELCh	80, 24.379, 102.340
Yxy	56.7635, 0.3522, 0.3849
Android (android.graphics.Color)	4291741850 (0xFFCEC89A)
YUV	196.5500, -20.9771, 8.2877
Hunter-Lab	75.3415, -8.7894, 22.2127

Details

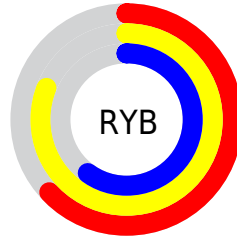
The RGB color **206, 200, 154** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **154, 160, 206**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 255, 209**, and **151, 146, 103** is the 20% darker color. If you saturate the color by 10%, you get **206, 198, 133**, and if you desaturate by 10%, it is **206, 202, 175**.

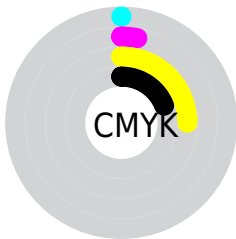
Distribution



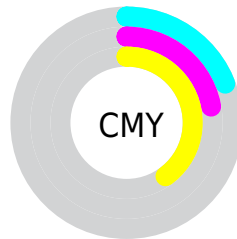
- Red (81%)
- Green (78%)
- Blue (60%)



- Red (63%)
- Yellow (81%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (25%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 200, 154 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 206, 200, 154 by changing the saturation by 10% instead.

 206, 200, 154

255, 255, 255


 255, 255, 209

 255, 255, 237

 206, 200, 154


 178, 173, 128

 151, 146, 103

 125, 121, 78

 99, 96, 55

 75, 72, 33

 51, 50, 11


 30, 29, 0

 0, 0, 0

 0, 0, 0

 206, 200, 154


 206, 200, 154

 206, 198, 133


 206, 202, 175

 206, 195, 113


 206, 205, 195

 206, 193, 92


 206, 207, 216

 206, 190, 72


 206, 210, 236

 206, 188, 51

 206, 212, 255

 206, 186, 30

 206, 214, 255

 206, 183, 10

 206, 217, 255

 206, 182, 0

 206, 219, 255

 206, 221, 255

Harmonies

Analogous

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



228, 192, 156



206, 200, 154



180, 206, 164

Triad

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



206, 200, 154



136, 210, 228



236, 184, 213

Complementary

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



206, 200, 154



154, 160, 206

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.



214, 190, 232



206, 200, 154



155, 205, 241

Square

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



206, 200, 154



138, 212, 207



184, 197, 243



245, 182, 190

Rectangle

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



206, 200, 154



163, 209, 177



184, 197, 243



230, 185, 220

Sweetspot

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



206, 200, 154



255, 253, 235



206, 154, 160



128, 126, 115



0, 0, 0



128, 128, 128

Same Dimension

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



206, 200, 154



255, 246, 179



186, 206, 154



102, 101, 92



166, 147, 0



38, 34, 0

Inverse Universe

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



154, 160, 206



179, 187, 255



174, 154, 206



92, 93, 102



0, 19, 166



0, 4, 38

Previews

White Background



This preview shows how the RGB color 206, 200, 154 looks on a white background.

Color Contrast Check

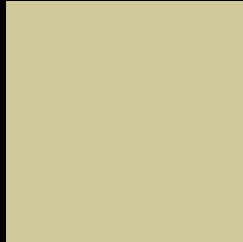
Large Text (above 18pt) WCAG AA × Fail

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 206, 200, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

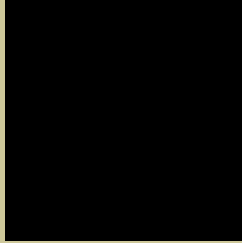
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

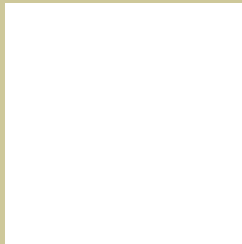
Any Text WCAG AAA ✓ Pass

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

RGB 206, 200, 154 Background



This preview shows how black text looks on a background with the RGB color 206, 200, 154.



This preview shows how white text looks on a background with the RGB color 206, 200, 154.

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
206, 200, 154

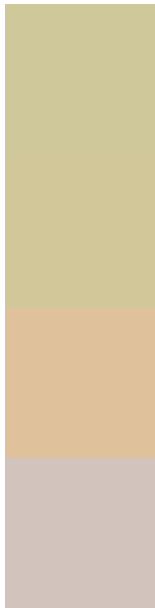
Protanopia
212, 198, 153

Deuteranopia
232, 190, 156



Tritanopia
213, 193, 208

Trichromacy



Original Color

206, 200, 154

Protanomaly

210, 199, 153

Deuteranomaly

223, 194, 155

Tritanomaly

210, 196, 188

Monochromacy



Original Color

206, 200, 154

Achromatopsia

197, 197, 197

Achromatomaly

200, 198, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 200, 154 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(206, 200, 154)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 154)  
}
```

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(206, 200, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 154) }
```

Border

The CSS property to change the border of an element to RGB 206, 200, 154 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(206, 200, 154) }
```

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

```
.border{ border-color:rgb(206, 200, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 154);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 206, 200, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 154) }
```

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

```
.background{ background-color: rgb(206,  
200, 154) }
```

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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