

Converting Colors

RGB(199, 185, 110)

Have a look what the booklet for
RGB(199, 185, 110) contains.

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Color

RGB(199, 185, 110)

Conversions

Conversions Part 1

Format	Color
Hex	C7B96E
RGB	199, 185, 110
RGB Percent	78%, 73%, 43%
CMY	0.2196, 0.2745, 0.5686
CMYK	0.00, 0.07, 0.45, 0.22
HSL	51°, 44%, 61%
HSV	51°, 45%, 78%
XYZ	43.7166, 47.9658, 21.7061
YIQ	180.6360, 32.4190, -20.3570

Conversions

Conversions Part 2

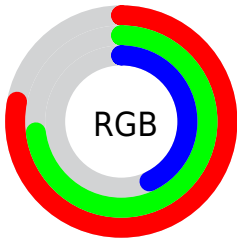
Format	Color
RYB	127, 199, 110
Decimal	13089134
CIELab	74.80, -5.44, 39.72
CIElCh	75, 40.094, 97.793
Yxy	47.9658, 0.3855, 0.4230
Android (android.graphics.Color)	4291279214 (0xFFC7B96E)
YUV	180.6360, -34.8235, 16.1052
Hunter-Lab	69.2574, -8.5276, 29.8980

Details

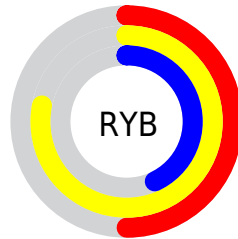
The RGB color **199, 185, 110** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **110, 124, 199**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 241, 163**, and **143, 132, 60** is the 20% darker color. If you saturate the color by 10%, you get **199, 182, 90**, and if you desaturate by 10%, it is **199, 188, 130**.

Distribution



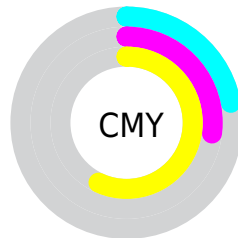
- Red (78%)
- Green (73%)
- Blue (43%)



- Red (50%)
- Yellow (78%)
- Blue (43%)



- Cyan (0%)
- Magenta (7%)
- Yellow (45%)
- Black (22%)



- Cyan (22%)
- Magenta (27%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 185, 110 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 199, 185, 110 by changing the saturation by 10% instead.

 199, 185, 110


255, 255, 255


 255, 241, 163


 255, 255, 190

 255, 255, 218

 255, 255, 247

 199, 185, 110


 171, 158, 85

 143, 132, 60

 117, 107, 36

 90, 83, 9


 66, 60, 0


 41, 39, 0

 13, 19, 0

 0, 0, 0

 199, 185, 110

 199, 185, 110

 199, 182, 90

 199, 188, 130

 199, 179, 70

 199, 191, 150

 199, 176, 50

 199, 194, 170

 199, 172, 30

 199, 198, 190

 199, 169, 10

 199, 201, 210

 199, 168, 0

 199, 204, 229

 199, 207, 249

 199, 210, 255

 199, 213, 255

Harmonies

Analogous

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



231, 172, 116



199, 185, 110



159, 195, 124

Triad

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



199, 185, 110



19, 202, 228



238, 159, 213

Complementary

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



199, 185, 110



110, 124, 199

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.



201, 171, 243



199, 185, 110



81, 195, 252

Square

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



199, 185, 110



60, 204, 193



146, 184, 255



255, 155, 176

Rectangle

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



199, 185, 110



129, 200, 144



146, 184, 255



228, 163, 224

Sweetspot

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



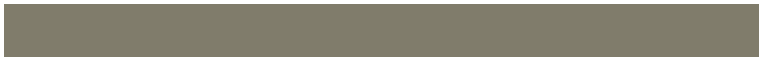
199, 185, 110



255, 250, 222



199, 110, 125



128, 124, 107



0, 0, 0



128, 128, 128

Same Dimension

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



199, 185, 110



255, 233, 117



169, 199, 110



99, 98, 90



163, 138, 0



36, 30, 0

Inverse Universe

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



110, 124, 199



117, 139, 255



140, 110, 199



90, 91, 99



0, 26, 163



0, 6, 36

Previews

White Background



This preview shows how the RGB color 199, 185, 110 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 199, 185, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

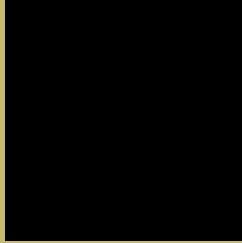
Any Text WCAG AA ✓ Pass

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 199, 185, 110 Background



This preview shows how black text looks on a background with the RGB color 199, 185, 110.

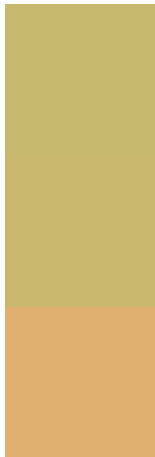


This preview shows how white text looks on a background with the RGB color 199, 185, 110.

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
199, 185, 110

Protanopia
201, 184, 110

Deuteranopia
223, 176, 112



Tritanopia
207, 176, 189

Trichromacy



Original Color
199, 185, 110

Protanomaly
200, 184, 110

Deuteranomaly
214, 179, 111

Tritanomaly
204, 179, 160

Monochromacy



Original Color
199, 185, 110

Achromatopsia
181, 181, 181

Achromatomaly
188, 182, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 185, 110 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(199, 185, 110)` looks like.

```
.text, #text, p{  
    color:rgb(199, 185, 110)  
}
```

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(199, 185, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 185, 110) }
```

Border

The CSS property to change the border of an element to RGB 199, 185, 110 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(199, 185, 110) }
```

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

```
.border{ border-color:rgb(199, 185, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 185, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 185, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 185, 110);  
box-shadow:4px 4px 4px 4px rgb(199, 185,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 199, 185, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 185, 110) }
```

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

```
.background{ background-color: rgb(199,  
185, 110) }
```

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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