

Converting Colors

RGB(201, 199, 105)

Have a look what the booklet for
RGB(201, 199, 105) contains.

RGB(201, 199, 105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(201, 199, 105)

Conversions

Conversions Part 1

Format	Color
Hex	C9C769
RGB	201, 199, 105
RGB Percent	79%, 78%, 41%
CMY	0.2118, 0.2196, 0.5882
CMYK	0.00, 0.01, 0.48, 0.21
HSL	59°, 47%, 60%
HSV	59°, 48%, 79%
XYZ	47.0606, 54.2843, 21.3622
YIQ	188.8820, 31.3660, -28.8100

Conversions

Conversions Part 2

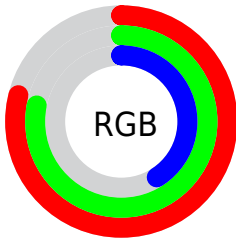
Format	Color
RYB	107, 201, 105
Decimal	13223785
CIELab	78.63, -12.32, 46.94
CIELCh	79, 48.526, 104.705
Yxy	54.2843, 0.3835, 0.4424
Android (android.graphics.Color)	4291413865 (0xFFC9C769)
YUV	188.8820, -41.3538, 10.6275
Hunter-Lab	73.6779, -14.9221, 34.3840

Details

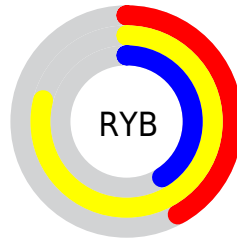
The RGB color **201, 199, 105** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **105, 107, 201**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 255, 158**, and **145, 145, 54** is the 20% darker color. If you saturate the color by 10%, you get **201, 199, 85**, and if you desaturate by 10%, it is **201, 199, 125**.

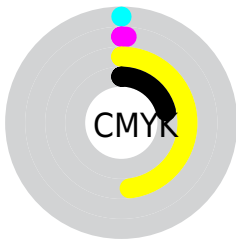
Distribution



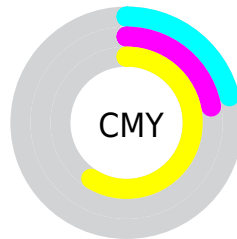
- Red (79%)
- Green (78%)
- Blue (41%)



- Red (42%)
- Yellow (79%)
- Blue (41%)



- Cyan (0%)
- Magenta (1%)
- Yellow (48%)
- Black (21%)




- Cyan (21%)
- Magenta (22%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 199, 105 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 201, 199, 105 by changing the saturation by 10% instead.

 201, 199, 105


255, 255, 255

 255, 255, 158

 255, 255, 186

 255, 255, 214

 255, 255, 243

 201, 199, 105


 173, 172, 79


 145, 145, 54

 118, 120, 28


 92, 95, 0


 67, 71, 0


 41, 49, 0


 15, 29, 0


 0, 0, 0


 201, 199, 105


 201, 199, 105

 201, 199, 85


 201, 199, 125

 201, 198, 65


 201, 200, 145

 201, 198, 45


 201, 200, 165

 201, 197, 25


 201, 201, 185

 201, 197, 5

 201, 201, 206

 201, 197, 0

 201, 202, 226

 201, 202, 246

 201, 202, 255

 201, 203, 255

Harmonies

Analogous

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



243, 184, 107



201, 199, 105



151, 210, 129

Triad

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



201, 199, 105



0, 215, 255



255, 161, 220

Complementary

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



201, 199, 105



105, 107, 201

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.



227, 174, 255



201, 199, 105



67, 206, 255

Square

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



201, 199, 105



0, 218, 216



163, 192, 255



255, 159, 174

Rectangle

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



201, 199, 105



111, 215, 154



163, 192, 255



255, 165, 234

Sweetspot

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



201, 199, 105



255, 254, 219



201, 105, 108



128, 127, 106



0, 0, 0



128, 128, 128

Same Dimension

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



201, 199, 105



255, 252, 110



156, 201, 105



99, 99, 90



163, 160, 0



36, 35, 0

Inverse Universe

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



105, 107, 201



110, 113, 255



150, 105, 201



90, 90, 99



0, 3, 163



0, 1, 36

Previews

White Background



This preview shows how the RGB color 201, 199, 105 looks on a white background.

Color Contrast Check

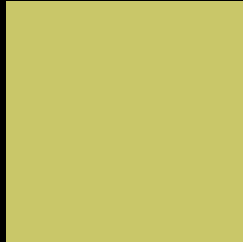
Large Text (above 18pt) WCAG AA × Fail

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 201, 199, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

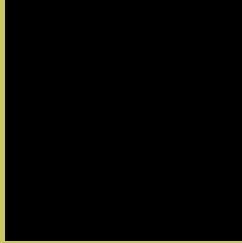
Any Text WCAG AA ✓ Pass

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 201, 199, 105 Background



This preview shows how black text looks on a background with the RGB color 201, 199, 105.



This preview shows how white text looks on a background with the RGB color 201, 199, 105.

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
201, 199, 105

Protanopia
214, 195, 103

Deuteranopia
237, 185, 108



Tritanopia
211, 188, 203

Trichromacy



Original Color

201, 199, 105

Protanomaly

209, 196, 104

Deuteranomaly

224, 190, 107

Tritanomaly

207, 192, 167

Monochromacy



Original Color

201, 199, 105

Achromatopsia

189, 189, 189

Achromatomaly

193, 193, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 199, 105 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(201, 199, 105)` looks like.

```
.text, #text, p{  
    color:rgb(201, 199, 105)  
}
```

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(201, 199, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 199, 105) }
```

Border

The CSS property to change the border of an element to RGB 201, 199, 105 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(201, 199, 105) }
```

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

```
.border{ border-color:rgb(201, 199, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 199, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 199, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 199, 105);  
box-shadow:4px 4px 4px 4px rgb(201, 199,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 201, 199, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 199, 105) }
```

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

```
.background{ background-color: rgb(201,  
199, 105) }
```

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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