

Converting Colors

RGB(199, 197, 121)

Have a look what the booklet for
RGB(199, 197, 121) contains.

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Color

RGB(199, 197, 121)

Conversions

Conversions Part 1

Format	Color
Hex	C7C579
RGB	199, 197, 121
RGB Percent	78%, 77%, 47%
CMY	0.2196, 0.2275, 0.5255
CMYK	0.00, 0.01, 0.39, 0.22
HSL	58°, 41%, 63%
HSV	58°, 39%, 78%
XYZ	46.9706, 53.4551, 25.9314
YIQ	188.9340, 25.5880, -23.2120

Conversions

Conversions Part 2

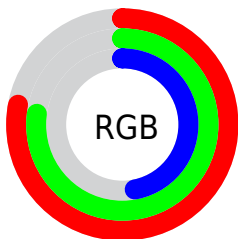
Format	Color
RYB	123, 199, 121
Decimal	13092217
CIELab	78.14, -10.48, 38.34
CIELCh	78, 39.752, 105.291
Yxy	53.4551, 0.3717, 0.4230
Android (android.graphics.Color)	4291282297 (0xFFC7C579)
YUV	188.9340, -33.4915, 8.8279
Hunter-Lab	73.1130, -13.2724, 30.1504

Details

The RGB color **199, 197, 121** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **121, 123, 199**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 254, 174**, and **144, 143, 71** is the 20% darker color. If you saturate the color by 10%, you get **199, 196, 101**, and if you desaturate by 10%, it is **199, 198, 141**.

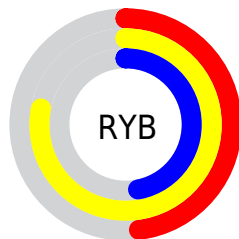
Distribution



Red (78%)

Green (77%)

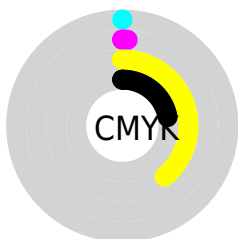
Blue (47%)



Red (48%)

Yellow (78%)

Blue (47%)

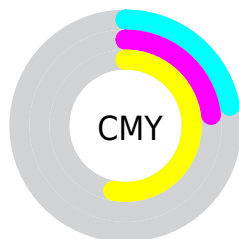


Cyan (0%)

Magenta (1%)

Yellow (39%)

Black (22%)



Cyan (22%)

Magenta (23%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 197, 121 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, 197, 121 by changing the saturation by 10% instead.


 199, 197, 121


255, 255, 255

 255, 254, 174

 255, 255, 202


 255, 255, 231

 199, 197, 121

 171, 170, 95


 144, 143, 71

 117, 118, 46

 91, 93, 22


 66, 70, 0

 43, 48, 0

 17, 27, 0

 0, 0, 0

 199, 197, 121

 199, 197, 121

 199, 196, 101

 199, 198, 141


 199, 196, 81

 199, 198, 161

 199, 195, 61

 199, 199, 181

 199, 195, 41

 199, 199, 201

 199, 194, 21

 199, 200, 221

 199, 194, 2

 199, 200, 240

 199, 194, 0

 199, 201, 255

 199, 201, 255

 199, 202, 255

Harmonies

Analogous

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



234, 185, 122



199, 197, 121



158, 206, 140

Triad

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



199, 197, 121



55, 210, 245



254, 167, 213

Complementary

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



199, 197, 121



121, 123, 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.



221, 177, 245



199, 197, 121



110, 202, 255

Square

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



199, 197, 121



64, 213, 211



171, 190, 255



255, 165, 176

Rectangle

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



199, 197, 121



127, 211, 161



171, 190, 255



245, 169, 225

Sweetspot

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



199, 197, 121



255, 254, 224



199, 121, 124



128, 127, 110



0, 0, 0



128, 128, 128

Same Dimension

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



199, 197, 121



255, 252, 135



163, 199, 121



99, 99, 90



163, 159, 0



36, 35, 0

Inverse Universe

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



121, 123, 199



135, 138, 255



157, 121, 199



90, 90, 99



0, 4, 163



0, 1, 36

Previews

White Background



This preview shows how the RGB color 199, 197, 121 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, 197, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

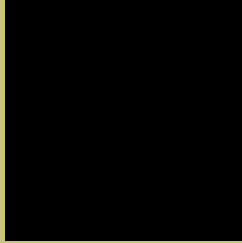
Any Text WCAG AA ✓ Pass

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, 197, 121 Background



This preview shows how black text looks on a background with the RGB color 199, 197, 121.



This preview shows how white text looks on a background with the RGB color 199, 197, 121.

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, 197, 121

Protanopia
211, 193, 120

Deuteranopia
233, 185, 124



Tritanopia
208, 187, 202

Trichromacy



Original Color
199, 197, 121

Protanomaly
207, 194, 120

Deuteranomaly
221, 189, 123

Tritanomaly
205, 191, 173

Monochromacy



Original Color
199, 197, 121

Achromatopsia
189, 189, 189

Achromatomaly
193, 192, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 197, 121 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, 197, 121)` looks like.

```
.text, #text, p{  
    color:rgb(199, 197, 121)  
}
```

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, 197, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 197, 121) }
```

Border

The CSS property to change the border of an element to RGB 199, 197, 121 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, 197, 121) }
```

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

```
.border{ border-color:rgb(199, 197, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 197, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 197, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 197, 121);  
box-shadow:4px 4px 4px 4px rgb(199, 197,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 199, 197, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 197, 121) }
```

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

```
.background{ background-color: rgb(199,  
197, 121) }
```

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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