

Converting Colors

RGB(195, 191, 114)

Have a look what the booklet for
RGB(195, 191, 114) contains.

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Color

RGB(195, 191, 114)

Conversions

Conversions Part 1

Format	Color
Hex	C3BF72
RGB	195, 191, 114
RGB Percent	76%, 75%, 45%
CMY	0.2353, 0.2510, 0.5529
CMYK	0.00, 0.02, 0.42, 0.24
HSL	57°, 40%, 61%
HSV	57°, 42%, 76%
XYZ	44.1737, 50.0786, 23.2575
YIQ	183.4180, 27.1010, -23.0990

Conversions

Conversions Part 2

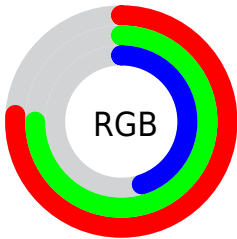
Format	Color
RYB	118, 195, 114
Decimal	12828530
CIELab	76.12, -9.76, 39.27
CIELCh	76, 40.464, 103.958
Yxy	50.0786, 0.3759, 0.4262
Android (android.graphics.Color)	4291018610 (0xFFC3BF72)
YUV	183.4180, -34.2231, 10.1574
Hunter-Lab	70.7662, -12.4176, 30.0505

Details

The RGB color **195, 191, 114** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **114, 118, 195**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **253, 247, 167**, and **140, 138, 64** is the 20% darker color. If you saturate the color by 10%, you get **195, 190, 95**, and if you desaturate by 10%, it is **195, 192, 134**.

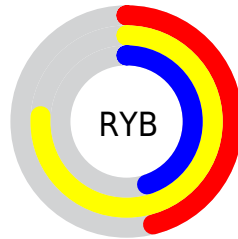
Distribution



Red (76%)

Green (75%)

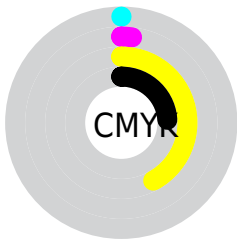
Blue (45%)



Red (46%)

Yellow (76%)

Blue (45%)

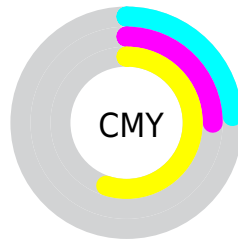


Cyan (0%)

Magenta (2%)

Yellow (42%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 191, 114 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 195, 191, 114 by changing the saturation by 10% instead.

 195, 191, 114

255, 255, 255

 253, 247, 167

 255, 255, 195

 255, 255, 223

 255, 255, 252

 195, 191, 114

 167, 164, 89

 140, 138, 64

 113, 112, 40

 87, 88, 14

 63, 65, 0


 39, 43, 0

 9, 23, 0


 0, 0, 0

 195, 191, 114


 195, 191, 114

 195, 190, 95


 195, 192, 134

 195, 189, 75


 195, 193, 153

 195, 188, 56

 195, 194, 173

 195, 187, 36

 195, 195, 192

 195, 186, 17

 195, 196, 212

 195, 185, 0

 195, 197, 231

 195, 198, 251

 195, 199, 255

 195, 200, 255

Harmonies

Analogous

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



230, 178, 116



195, 191, 114



153, 201, 133

Triad

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



195, 191, 114



32, 205, 238



248, 161, 209

Complementary

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



195, 191, 114



114, 118, 195

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, 172, 242



195, 191, 114



98, 197, 255

Square

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



195, 191, 114



51, 208, 204



162, 185, 255



255, 159, 171

Rectangle

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



195, 191, 114



122, 205, 154



162, 185, 255



239, 164, 221

Sweetspot

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



195, 191, 114



252, 251, 222



195, 114, 118



128, 127, 110



0, 0, 0



128, 128, 128

Same Dimension

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



195, 191, 114



252, 246, 126



159, 195, 114



97, 96, 87



161, 153, 0



33, 32, 0

Inverse Universe

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



114, 118, 195



126, 132, 252



150, 114, 195



87, 88, 97



0, 8, 161



0, 2, 33

Previews

White Background



This preview shows how the RGB color 195, 191, 114 looks on a white background.

Color Contrast Check

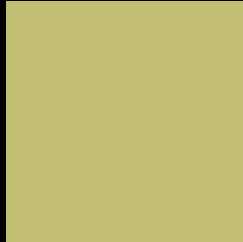
Large Text (above 18pt) WCAG AA × Fail

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 195, 191, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

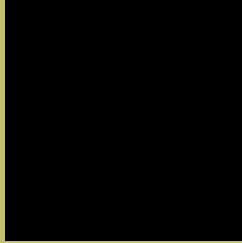
Any Text WCAG AA ✓ Pass

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 195, 191, 114 Background



This preview shows how black text looks on a background with the RGB color 195, 191, 114.



This preview shows how white text looks on a background with the RGB color 195, 191, 114.

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
195, 191, 114

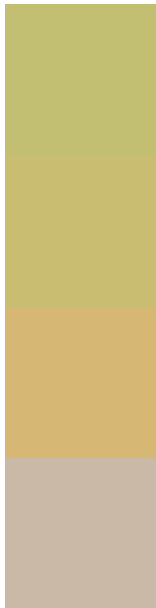
Protanopia
205, 188, 113

Deuteranopia
227, 179, 117



Tritanopia
204, 181, 196

Trichromacy



Original Color
195, 191, 114

Protanomaly
201, 189, 113

Deuteranomaly
215, 183, 116

Tritanomaly
201, 185, 166

Monochromacy



Original Color
195, 191, 114

Achromatopsia
183, 183, 183

Achromatomaly
187, 186, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 191, 114 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(195, 191, 114)` looks like.

```
.text, #text, p{  
    color:rgb(195, 191, 114)  
}
```

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(195, 191, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 191, 114) }
```

Border

The CSS property to change the border of an element to RGB 195, 191, 114 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(195, 191, 114) }
```

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

```
.border{ border-color:rgb(195, 191, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 191, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 191, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 191, 114);  
box-shadow:4px 4px 4px 4px rgb(195, 191,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 195, 191, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 191, 114) }
```

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

```
.background{ background-color: rgb(195,  
191, 114) }
```

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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