

Converting Colors

RGB(199, 174, 95)

Have a look what the booklet for
RGB(199, 174, 95) contains.

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Color

RGB(199, 174, 95)

Conversions

Conversions Part 1

Format	Color
Hex	C7AE5F
RGB	199, 174, 95
RGB Percent	78%, 68%, 37%
CMY	0.2196, 0.3176, 0.6275
CMYK	0.00, 0.13, 0.52, 0.22
HSL	46°, 48%, 58%
HSV	46°, 52%, 78%
XYZ	40.7548, 43.2404, 17.0247
YIQ	172.4690, 40.2590, -19.2690

Conversions

Conversions Part 2

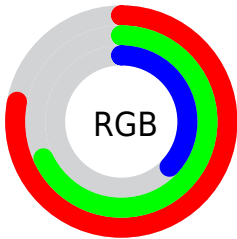
Format	Color
RYB	128, 199, 95
Decimal	13086303
CIELab	71.72, -1.06, 43.49
CIELCh	72, 43.504, 91.393
Yxy	43.2404, 0.4034, 0.4280
Android (android.graphics.Color)	4291276383 (0xFFC7AE5F)
YUV	172.4690, -38.1922, 23.2677
Hunter-Lab	65.7575, -4.4458, 30.6800

Details

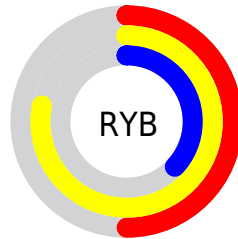
The RGB color **199, 174, 95** is a light color, and the websafe version is hex **C6C666**. The color can be described as light muted orange. A complement of this color would be **95, 120, 199**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 229, 147**, and **143, 122, 45** is the 20% darker color. If you saturate the color by 10%, you get **199, 169, 75**, and if you desaturate by 10%, it is **199, 179, 115**.

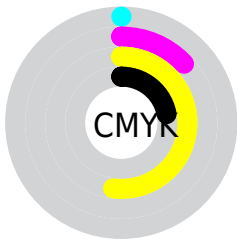
Distribution



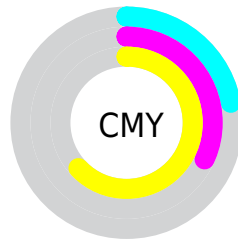
- Red (78%)
- Green (68%)
- Blue (37%)



- Red (50%)
- Yellow (78%)
- Blue (37%)



- Cyan (0%)
- Magenta (13%)
- Yellow (52%)
- Black (22%)



















- Cyan (22%)
- Magenta (32%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 174, 95 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, 174, 95 by changing the saturation by 10% instead.

 199, 174, 95	 199, 174, 95
255, 255, 255	 171, 148, 70
 255, 229, 147	 143, 122, 45
 255, 255, 174	 116, 97, 19
 255, 255, 202	 89, 74, 0
 255, 255, 231	 64, 51, 0
	 39, 31, 0
	 7, 7, 0
	 0, 0, 0
 199, 174, 95	 199, 174, 95

199, 169, 75

199, 179, 115

199, 164, 55

199, 184, 135

199, 160, 35

199, 188, 155

199, 155, 15

199, 193, 175

199, 151, 0

199, 198, 195

199, 203, 214

199, 207, 234

199, 212, 254

199, 217, 255

Harmonies

Analogous

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



231, 160, 107



199, 174, 95



158, 186, 106

Triad

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



199, 174, 95



0, 195, 216



227, 151, 214

Complementary

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



199, 174, 95



95, 120, 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.



182, 165, 244



199, 174, 95



0, 190, 245

Square

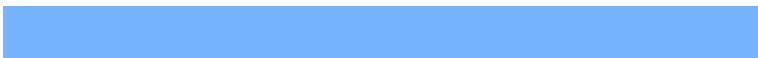
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199, 174, 95



37, 196, 176



117, 179, 255



250, 144, 175

Rectangle

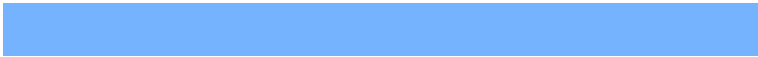
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199, 174, 95



126, 191, 125



117, 179, 255



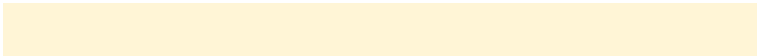
214, 155, 226

Sweetspot

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



199, 174, 95



255, 245, 214



199, 95, 121



128, 122, 103



0, 0, 0



128, 128, 128

Same Dimension

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



199, 174, 95



255, 216, 94



173, 199, 95



99, 97, 90



163, 124, 0



36, 27, 0

Inverse Universe

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



95, 120, 199



94, 133, 255



121, 95, 199



90, 92, 99



0, 39, 163



0, 9, 36

Previews

White Background



This preview shows how the RGB color 199, 174, 95 looks on a white background.

Color Contrast Check

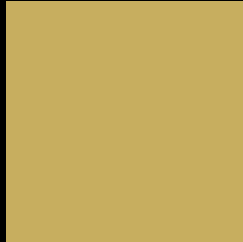
Large Text (above 18pt) WCAG AA × Fail

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, 174, 95 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, 174, 95 Background



This preview shows how black text looks on a background with the RGB color 199, 174, 95.

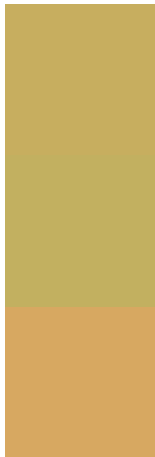


This preview shows how white text looks on a background with the RGB color 199, 174, 95.

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, 174, 95

Protanopia
194, 176, 96

Deuteranopia
215, 168, 97



Tritanopia
207, 165, 177

Trichromacy



Original Color
199, 174, 95

Protanomaly
196, 175, 96

Deuteranomaly
209, 170, 96

Tritanomaly
204, 168, 147

Monochromacy



Original Color
199, 174, 95

Achromatopsia
172, 172, 172

Achromatomaly
182, 173, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 174, 95 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, 174, 95)` looks like.

```
.text, #text, p{  
    color:rgb(199, 174, 95)  
}
```

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, 174, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 174, 95) }
```

Border

The CSS property to change the border of an element to RGB 199, 174, 95 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, 174, 95) }
```

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

```
.border{ border-color:rgb(199, 174, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 174, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 174, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 174, 95);  
box-shadow:4px 4px 4px 4px rgb(199, 174,  
95) }
```

Background

The CSS property to change the background color of an element to RGB 199, 174, 95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 174, 95) }
```

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

```
.background{ background-color: rgb(199,  
174, 95) }
```

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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