

Converting Colors

RGB(205, 170, 103)

Have a look what the booklet for
RGB(205, 170, 103) contains.

RGB(205, 170, 103)	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(205, 170, 103)

Conversions

Conversions Part 1

Format	Color
Hex	CDAA67
RGB	205, 170, 103
RGB Percent	80%, 67%, 40%
CMY	0.1961, 0.3333, 0.5961
CMYK	0.00, 0.17, 0.50, 0.20
HSL	39°, 50%, 60%
HSV	39°, 50%, 80%
XYZ	41.9997, 42.7079, 18.8618
YIQ	172.8270, 42.3670, -13.4170

Conversions

Conversions Part 2

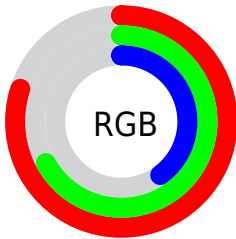
Format	Color
RYB	156, 205, 103
Decimal	13478503
CIELab	71.36, 4.30, 39.12
CIELCh	71, 39.360, 83.725
Yxy	42.7079, 0.4055, 0.4124
Android (android.graphics.Color)	4291668583 (0xFFCDAA67)
YUV	172.8270, -34.4247, 28.2157
Hunter-Lab	65.3513, 0.3532, 28.6335

Details

The RGB color **205, 170, 103** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **103, 138, 205**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 225, 155**, and **148, 118, 54** is the 20% darker color. If you saturate the color by 10%, you get **205, 163, 83**, and if you desaturate by 10%, it is **205, 177, 124**.

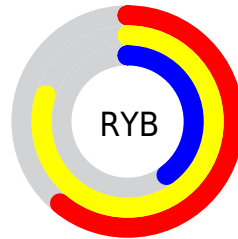
Distribution



Red (80%)

Green (67%)

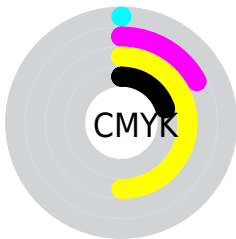
Blue (40%)



Red (61%)

Yellow (80%)

Blue (40%)

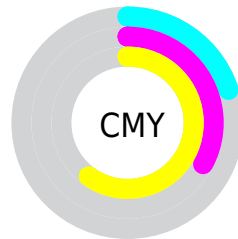


Cyan (0%)

Magenta (17%)

Yellow (50%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 170, 103 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 205, 170, 103 by changing the saturation by 10% instead.

 205, 170, 103

255, 255, 255

 255, 225, 155


 255, 254, 182


 255, 255, 210

 255, 255, 239

 205, 170, 103

 176, 144, 78

 148, 118, 54

 121, 94, 30

 95, 70, 3


 69, 48, 0

 44, 27, 0

 17, 1, 0

 0, 0, 0

 205, 170, 103

 205, 170, 103

■ 205, 163, 83

■ 205, 177, 124

■ 205, 156, 62

■ 205, 184, 144

■ 205, 149, 42

■ 205, 191, 165

■ 205, 142, 21

■ 205, 198, 185

■ 205, 135, 1

■ 205, 205, 206

■ 205, 135, 0

■ 205, 212, 226

■ 205, 219, 247

■ 205, 226, 255

■ 205, 233, 255

Harmonies

Analogous

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



232, 158, 118



205, 170, 103



169, 181, 108

Triad

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



205, 170, 103



11, 193, 202



213, 155, 218

Complementary

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



205, 170, 103



103, 138, 205

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.



168, 168, 240



205, 170, 103



37, 189, 232

Square

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



205, 170, 103



79, 193, 166



108, 181, 246



239, 147, 184

Rectangle

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



205, 170, 103



142, 187, 122



108, 181, 246



200, 159, 227

Sweetspot

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



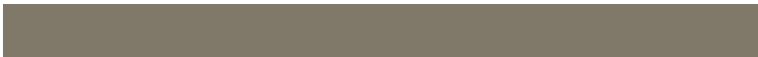
205, 170, 103



255, 242, 217



205, 103, 139



128, 120, 105



0, 0, 0



128, 128, 128

Same Dimension

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



205, 170, 103



255, 203, 102



190, 205, 103



102, 99, 92



166, 109, 0



38, 25, 0

Inverse Universe

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



103, 138, 205



102, 155, 255



118, 103, 205



92, 95, 102



0, 57, 166



0, 13, 38

Previews

White Background



This preview shows how the RGB color 205, 170, 103 looks on a white background.

Color Contrast Check

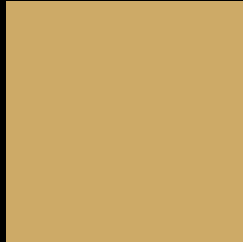
Large Text (above 18pt) WCAG AA × Fail

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 205, 170, 103 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 205, 170, 103 Background



This preview shows how black text looks on a background with the RGB color 205, 170, 103.



This preview shows how white text looks on a background with the RGB color 205, 170, 103.

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
205, 170, 103

Protanopia
191, 175, 105

Deuteranopia
212, 167, 104



Tritanopia
212, 161, 174

Trichromacy



Original Color
205, 170, 103

Protanomaly
196, 173, 104

Deuteranomaly
209, 168, 104

Tritanomaly
209, 164, 148

Monochromacy



Original Color
205, 170, 103

Achromatopsia
173, 173, 173

Achromatomaly
185, 172, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 170, 103 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(205, 170, 103)` looks like.

```
.text, #text, p{  
    color:rgb(205, 170, 103)  
}
```

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(205, 170, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 170, 103) }
```

Border

The CSS property to change the border of an element to RGB 205, 170, 103 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(205, 170, 103) }
```

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

```
.border{ border-color:rgb(205, 170, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 170, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 170, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 170, 103);  
box-shadow:4px 4px 4px 4px rgb(205, 170,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 205, 170, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 170, 103) }
```

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

```
.background{ background-color: rgb(205,  
170, 103) }
```

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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