

Converting Colors

`RYB(206, 177, 107)`

Have a look what the booklet for
RYB(206, 177, 107) contains.

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Color

R_YB(206, 177, 107)

Conversions

Conversions Part 1

Format	Color
Hex	CE946B
RGB	206, 148, 107
RGB Percent	81%, 58%, 42%
CMY	0.1922, 0.4196, 0.5804
CMYK	0.00, 0.28, 0.48, 0.19
HSL	25°, 50%, 61%
HSV	25°, 48%, 81%
XYZ	38.6983, 35.3650, 18.6964
YIQ	160.6680, 47.7290, -0.4550

Conversions

Conversions Part 2

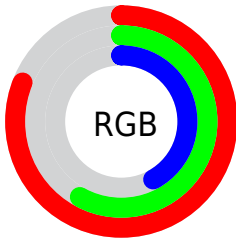
Format	Color
R_{YB}	206, 177, 107
Decimal	13538411
CIE _{Lab}	66.03, 17.00, 30.27
CIE _{LCh}	66, 34.717, 60.682
Yxy	35.3650, 0.4172, 0.3813
Android (android.graphics.Color)	4291728491 (0xFFCE946B)
YUV	160.6680, -26.4583, 39.7562
Hunter-Lab	59.4685, 12.0865, 22.9876

Details

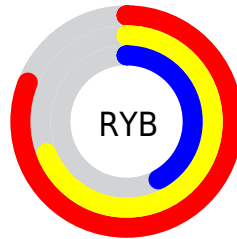
The RYB color **206, 177, 107** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **107, 144, 206**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 237, 159**, and **149, 125, 59** is the 20% darker color. If you saturate the color by 10%, you get **206, 172, 86**, and if you desaturate by 10%, it is **206, 182, 128**.

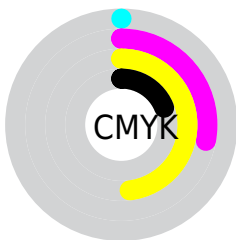
Distribution



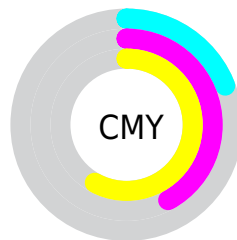
- Red (81%)
- Green (58%)
- Blue (42%)



- Red (81%)
- Yellow (69%)
- Blue (42%)



- Cyan (0%)
- Magenta (28%)
- Yellow (48%)
- Black (19%)



- Cyan (19%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 177, 107 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 RYB color 206, 177, 107 by changing the saturation by 10% instead.

 206, 177, 107


255, 255, 255

 255, 237, 159

 225, 255, 186

 214, 255, 214


 242, 255, 242

 206, 177, 107

 177, 151, 82

 149, 125, 59

 122, 101, 36

 95, 79, 14


 69, 50, 0


 43, 8, 0

 0, 0, 0

 206, 177, 107

 206, 172, 86

 206, 177, 107

 206, 182, 128

■ 206, 165, 66

■ 206, 189, 148

■ 206, 160, 45

■ 206, 194, 169

■ 206, 153, 25

■ 206, 201, 189

■ 206, 148, 4

■ 206, 207, 210

■ 206, 145, 0

■ 206, 215, 231

■ 206, 222, 251

■ 206, 228, 255

■ 206, 231, 255

Harmonies

Analogous

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



220, 140, 130



206, 177, 107



128, 181, 98

Triad

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



206, 177, 107



70, 128, 177



165, 152, 214

Complementary

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



206, 177, 107



107, 144, 206

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.



117, 149, 222



206, 177, 107



37, 110, 191

Square

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



206, 177, 107



111, 160, 174



65, 127, 214



200, 142, 191

Rectangle

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



206, 177, 107



101, 165, 107



65, 127, 214



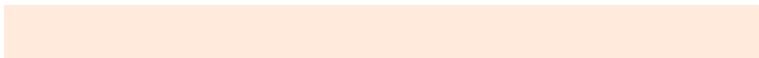
150, 156, 219

Sweetspot

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



206, 177, 107



255, 245, 219



206, 107, 166



128, 121, 106



0, 0, 0



128, 128, 128

Same Dimension

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



206, 177, 107



255, 211, 107



118, 206, 107



102, 99, 92



166, 118, 0



38, 28, 0

Inverse Universe

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



107, 144, 206



107, 162, 255



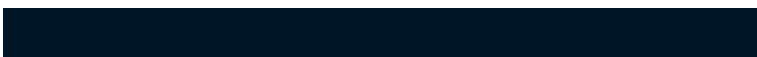
107, 116, 206



92, 96, 102



0, 61, 166



0, 14, 38

Previews

White Background



This preview shows how the RYB color 206, 177, 107 looks on a white background.

Color Contrast Check

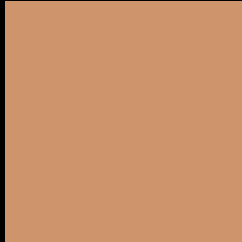
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 206, 177, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

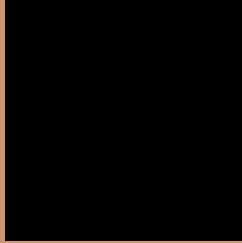
Any Text WCAG AA ✓ Pass

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](#).

RYB 206, 177, 107 Background



This preview shows how black text looks on a background with the RYB color 206, 177, 107.



This preview shows how white text looks on a background with the RYB color 206, 177, 107.

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
206, 177, 107

Protanopia
128, 174, 112

Deuteranopia
177, 193, 106



Tritanopia
210, 142, 153

Trichromacy



Original Color

206, 177, 107

Protanomaly

160, 186, 110

Deuteranomaly

198, 198, 106

Tritanomaly

209, 145, 136

Monochromacy



Original Color

206, 177, 107

Achromatopsia

161, 161, 161

Achromatomaly

177, 167, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 177, 107 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(206, 148, 107)` looks like.

```
.text, #text, p{  
    color:rgb(206, 148, 107)  
}
```

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(206, 148, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 148, 107) }
```

Border

The CSS property to change the border of an element to RYB 206, 177, 107 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(206, 148, 107) }
```

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

```
.border{ border-color:rgb(206, 148, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 148, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 148, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 148, 107);  
box-shadow:4px 4px 4px 4px rgb(206, 148,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 206, 177, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 148, 107) }
```

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

```
.background{ background-color: rgb(206,  
148, 107) }
```

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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