

Converting Colors

`RYB(207, 196, 119)`

Have a look what the booklet for
RYB(207, 196, 119) contains.

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Color

R_YB(207, 196, 119)

Conversions

Conversions Part 1

Format	Color
Hex	CFA077
RGB	207, 160, 119
RGB Percent	81%, 63%, 47%
CMY	0.1882, 0.3723, 0.5333
CMYK	0.00, 0.23, 0.43, 0.19
HSL	28°, 48%, 64%
HSV	28°, 43%, 81%
XYZ	41.6443, 39.7620, 22.9327
YIQ	169.3790, 41.1730, -2.7870

Conversions

Conversions Part 2

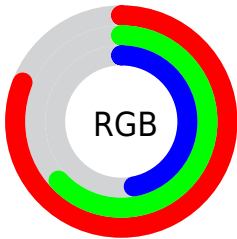
Format	Color
R_{YB}	207, 196, 119
Decimal	13607031
CIE Lab	69.30, 12.09, 28.07
CIE LCh	69, 30.566, 66.703
Yxy	39.7620, 0.3991, 0.3811
Android (android.graphics.Color)	4291797111 (0xFFCFA077)
YUV	169.3790, -24.8368, 32.9936
Hunter-Lab	63.0571, 7.5351, 22.5773

Details

The RYB color **207, 196, 119** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **119, 150, 207**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **249, 255, 172**, and **151, 145, 70** is the 20% darker color. If you saturate the color by 10%, you get **207, 194, 98**, and if you desaturate by 10%, it is **207, 198, 140**.

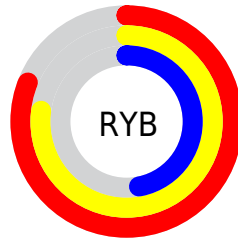
Distribution



Red (81%)

Green (63%)

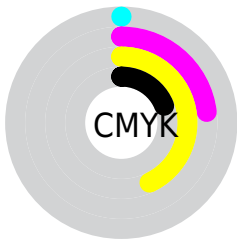
Blue (47%)



Red (81%)

Yellow (77%)

Blue (47%)

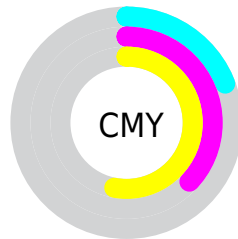


Cyan (0%)

Magenta (23%)

Yellow (43%)

Black (19%)



Cyan (19%)

Magenta (37%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 196, 119 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 207, 196, 119 by changing the saturation by 10% instead.


 207, 196, 119

 207, 196, 119

255, 255, 255

 179, 170, 94

 249, 255, 172

 151, 145, 70

 214, 255, 199

 124, 118, 47

 227, 255, 227


 97, 97, 25


 61, 72, 0

 46, 32, 0

 20, 0, 0

 0, 0, 0

 207, 196, 119

 207, 196, 119

■ 207, 194, 98

■ 207, 198, 140

■ 207, 190, 78

■ 207, 201, 160

■ 207, 188, 57

■ 207, 203, 181

■ 207, 186, 36

■ 207, 205, 202

■ 207, 183, 16

■ 207, 212, 223

■ 207, 183, 0

■ 207, 219, 243

■ 207, 225, 255

■ 207, 229, 255

■ 207, 231, 255

Harmonies

Analogous

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



222, 155, 137



207, 196, 119



130, 182, 114

Triad

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



207, 196, 119



90, 140, 185



181, 160, 214

Complementary

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



207, 196, 119



119, 150, 207

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.



142, 163, 224



207, 196, 119



79, 135, 201

Square

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



207, 196, 119



120, 165, 183



102, 148, 219



210, 152, 192

Rectangle

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



207, 196, 119



119, 175, 131



102, 148, 219



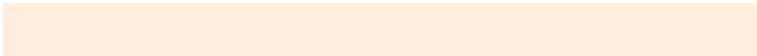
169, 163, 219

Sweetspot

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



207, 196, 119



255, 250, 222



207, 119, 166



128, 126, 107



0, 0, 0



128, 128, 128

Same Dimension

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



207, 196, 119



255, 240, 125



122, 207, 119



105, 103, 94



168, 149, 0



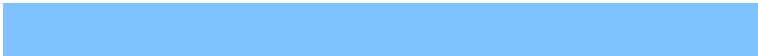
41, 35, 0

Inverse Universe

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



119, 150, 207



125, 170, 255



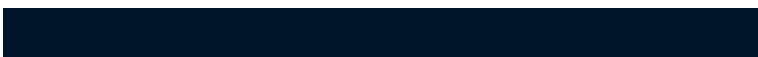
119, 122, 207



94, 98, 105



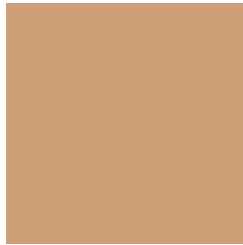
0, 59, 168



0, 14, 41

Previews

White Background



This preview shows how the RYB color 207, 196, 119 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 207, 196, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

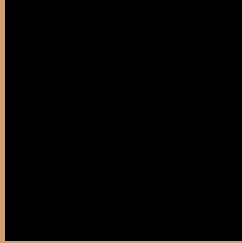
Any Text WCAG AA ✓ Pass

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 207, 196, 119 Background



This preview shows how black text looks on a background with the RYB color 207, 196, 119.



This preview shows how white text looks on a background with the RYB color 207, 196, 119.

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
207, 196, 119

Protanopia
140, 182, 123

Deuteranopia
196, 202, 119



Tritanopia
211, 154, 166

Trichromacy



Original Color
207, 196, 119

Protanomaly
161, 191, 122

Deuteranomaly
204, 202, 119

Tritanomaly
210, 157, 149

Monochromacy



Original Color
207, 196, 119

Achromatopsia
169, 169, 169

Achromatomaly
183, 179, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 196, 119 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(207, 160, 119)` looks like.

```
.text, #text, p{  
    color:rgb(207, 160, 119)  
}
```

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(207, 160, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 160, 119) }
```

Border

The CSS property to change the border of an element to RYB 207, 196, 119 is called "border". The border property can be set on classes, ids or directly on the HTML element.

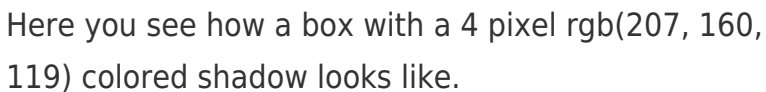
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 160, 119) }
```

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

```
.border{ border-color:rgb(207, 160, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 160, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 160, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 160, 119); box-shadow:4px 4px 4px 4px rgb(207, 160, 119) }
```

Background

The CSS property to change the background color of an element to RYB 207, 196, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 160, 119) }
```

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

```
.background{ background-color: rgb(207,  
160, 119) }
```

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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