

Converting Colors

`RYB(206, 195, 134)`

Have a look what the booklet for
RYB(206, 195, 134) contains.

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Color

R_YB(206, 195, 134)

Conversions

Conversions Part 1

Format	Color
Hex	CEA786
RGB	206, 167, 134
RGB Percent	81%, 65%, 53%
CMY	0.1922, 0.3450, 0.4745
CMYK	0.00, 0.19, 0.35, 0.19
HSL	28°, 42%, 67%
HSV	28°, 35%, 81%
XYZ	43.5795, 42.4887, 28.4585
YIQ	174.8990, 33.8370, -1.9950

Conversions

Conversions Part 2

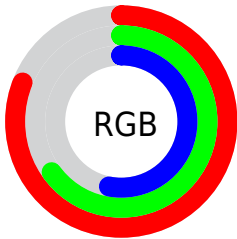
Format	Color
R _Y B	206, 195, 134
Decimal	13543302
CIE Lab	71.21, 9.66, 22.48
CIE LCh	71, 24.471, 66.742
Yxy	42.4887, 0.3805, 0.3710
Android (android.graphics.Color)	4291733382 (0xFFCEA786)
YUV	174.8990, -20.1632, 27.2756
Hunter-Lab	65.1834, 5.2685, 19.7429

Details

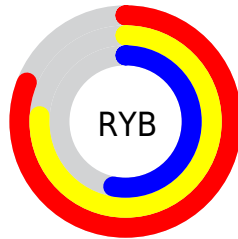
The RYB color **206, 195, 134** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **134, 159, 206**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **251, 255, 187**, and **150, 142, 84** is the 20% darker color. If you saturate the color by 10%, you get **206, 193, 113**, and if you desaturate by 10%, it is **206, 197, 155**.

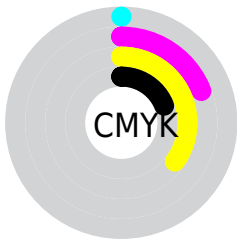
Distribution



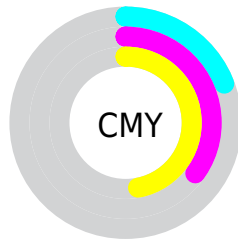
- Red (81%)
- Green (65%)
- Blue (53%)



- Red (81%)
- Yellow (76%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (35%)
- Black (19%)



- Cyan (19%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 195, 134 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, 195, 134 by changing the saturation by 10% instead.


 206, 195, 134

 206, 195, 134

255, 255, 255

 178, 169, 109

 251, 255, 187

 150, 142, 84

 219, 255, 215

 124, 118, 61

 244, 255, 244

 98, 94, 38


 70, 72, 17

 49, 47, 0

 25, 0, 0


 0, 0, 0

 206, 195, 134


 206, 195, 134

 206, 193, 113


 206, 197, 155

 206, 189, 93


 206, 201, 175

 206, 187, 72


 206, 203, 196

 206, 180, 52

 206, 210, 216

 206, 178, 31

 206, 217, 237

 206, 176, 10

 206, 224, 255

 206, 173, 0

 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.



218, 164, 149



206, 195, 134



145, 186, 130

Triad

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



206, 195, 134



116, 154, 187



184, 167, 210

Complementary

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



206, 195, 134



134, 159, 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.



154, 170, 218



206, 195, 134



110, 151, 200

Square

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



206, 195, 134



136, 171, 185



125, 160, 215



207, 161, 192

Rectangle

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



206, 195, 134



134, 179, 143



125, 160, 215



175, 169, 214

Sweetspot

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



206, 195, 134



255, 250, 230



206, 134, 174



128, 124, 112



0, 0, 0



128, 128, 128

Same Dimension

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



206, 195, 134



255, 238, 148



138, 206, 134



102, 99, 92



166, 140, 0



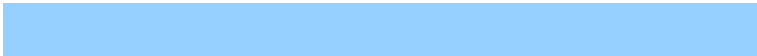
38, 34, 0

Inverse Universe

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



134, 159, 206



148, 186, 255



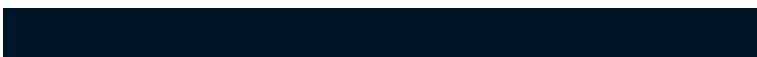
134, 138, 206



92, 95, 102



0, 58, 166



0, 14, 38

Previews

White Background



This preview shows how the RYB color 206, 195, 134 looks on a white background.

Color Contrast Check

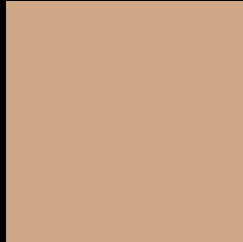
Large Text (above 18pt) WCAG AA × Fail

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, 195, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

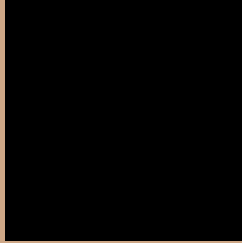
Any Text WCAG AA ✓ Pass

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](#).

R Y B 206, 195, 134 Background



This preview shows how black text looks on a background with the R Y B color 206, 195, 134.

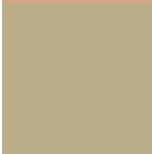



This preview shows how white text looks on a background with the R Y B color 206, 195, 134.

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, 195, 134
	Protanopia 153, 186, 137
	Deuteranopia 205, 196, 134



Tritanopia
210, 162, 174

Trichromacy



Original Color

206, 195, 134

Protanomaly

172, 193, 136

Deuteranomaly

205, 196, 134

Tritanomaly

209, 165, 159

Monochromacy



Original Color

206, 195, 134

Achromatopsia

175, 175, 175

Achromatomaly

186, 182, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 195, 134 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, 167, 134)` looks like.

```
.text, #text, p{  
    color:rgb(206, 167, 134)  
}
```

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, 167, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 167, 134) }
```

Border

The CSS property to change the border of an element to RYB 206, 195, 134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

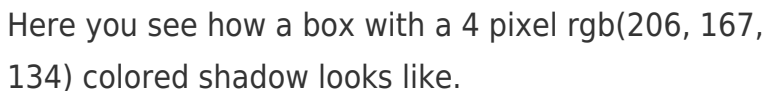
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 167, 134) }
```

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

```
.border{ border-color:rgb(206, 167, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 167, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 167, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 167, 134);  
box-shadow:4px 4px 4px 4px rgb(206, 167,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 206, 195, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 167, 134) }
```

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

```
.background{ background-color: rgb(206,  
167, 134) }
```

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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