

Converting Colors

`RYB(204, 206, 125)`

Have a look what the booklet for
RYB(204, 206, 125) contains.

RYB(204, 206, 125)	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

R_YB(204, 206, 125)

Conversions

Conversions Part 1

Format	Color
Hex	CEA67D
RGB	206, 166, 125
RGB Percent	81%, 65%, 49%
CMY	0.1922, 0.3490, 0.5098
CMYK	0.00, 0.19, 0.39, 0.19
HSL	30°, 45%, 65%
HSV	30°, 39%, 81%
XYZ	42.7926, 41.8772, 25.2297
YIQ	173.2860, 37.0010, -4.2710

Conversions

Conversions Part 2

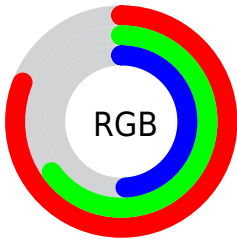
Format	Color
R_{YB}	204, 206, 125
Decimal	13543037
CIE _{Lab}	70.79, 9.14, 26.79
CIE _{LCh}	71, 28.306, 71.160
Yxy	41.8772, 0.3894, 0.3810
Android (android.graphics.Color)	4291733117 (0xFFCEA67D)
YUV	173.2860, -23.8050, 28.6902
Hunter-Lab	64.7126, 4.7900, 22.1832

Details

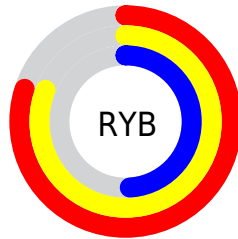
The RYB color **204, 206, 125** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **125, 152, 206**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **239, 255, 178**, and **146, 150, 76** is the 20% darker color. If you saturate the color by 10%, you get **202, 206, 104**, and if you desaturate by 10%, it is **206, 206, 146**.

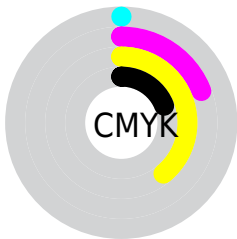
Distribution



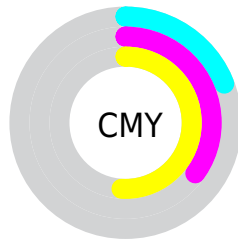
- Red (81%)
- Green (65%)
- Blue (49%)



- Red (80%)
- Yellow (81%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (19%)



- Cyan (19%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RYB color 204, 206, 125 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 204, 206, 125 by changing the saturation by 10% instead.

 204, 206, 125

 204, 206, 125


255, 255, 255

 174, 178, 100

 239, 255, 178

 146, 150, 76

 212, 255, 206

 114, 123, 52

 234, 255, 234

 88, 97, 30

 56, 72, 7

 47, 45, 0

 23, 0, 0


 0, 0, 0

 204, 206, 125

 204, 206, 125

 202, 206, 104

 206, 206, 146

 202, 206, 84


 206, 206, 166

 204, 206, 63

 204, 206, 187

 204, 206, 43

 206, 207, 207

 202, 206, 22

 206, 213, 228

 200, 206, 1

 206, 220, 249

 202, 206, 0

 206, 225, 255

 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.



222, 163, 140



204, 206, 125



130, 182, 122

Triad

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



204, 206, 125



100, 146, 188



189, 163, 212

Complementary

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



204, 206, 125



125, 152, 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, 168, 223



204, 206, 125



95, 145, 206

Square

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



204, 206, 125



124, 165, 186



118, 157, 221



214, 156, 190

Rectangle

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



204, 206, 125



129, 180, 146



118, 157, 221



178, 166, 217

Sweetspot

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



204, 206, 125



253, 255, 224



206, 125, 166



128, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



204, 206, 125



251, 255, 135



125, 206, 125



102, 102, 92



162, 166, 0



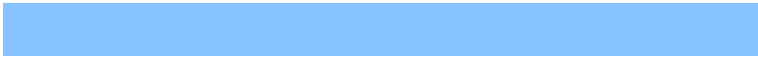
38, 38, 0

Inverse Universe

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



125, 152, 206



135, 175, 255



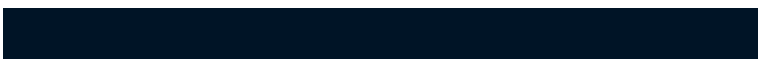
125, 125, 206



92, 95, 102



0, 55, 166



0, 13, 38

Previews

White Background



This preview shows how the RYB color 204, 206, 125 looks on a white background.

Color Contrast Check

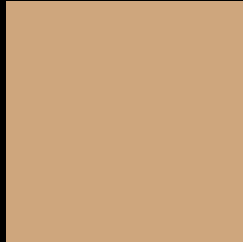
Large Text (above 18pt) WCAG AA × Fail

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 204, 206, 125 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](#).

RYP 204, 206, 125 Background



This preview shows how black text looks on a background with the RYP color 204, 206, 125.


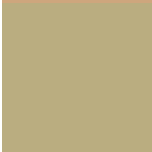




This preview shows how white text looks on a background with the RYP color 204, 206, 125.

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](#).

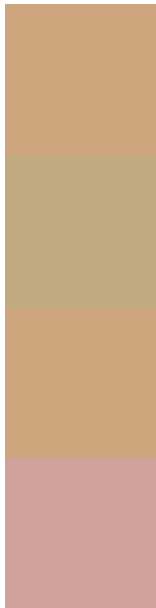
Dichromacy

	Original Color 204, 206, 125
	Protanopia 145, 186, 128
	Deuteranopia 204, 206, 125



Tritanopia
211, 160, 172

Trichromacy



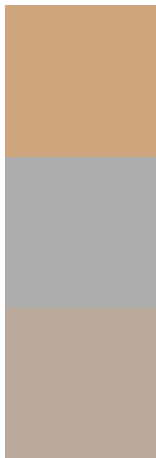
Original Color
204, 206, 125

Protanomaly
162, 193, 127

Deuteranomaly
204, 206, 125

Tritanomaly
209, 163, 155

Monochromacy



Original Color
204, 206, 125

Achromatopsia
173, 173, 173

Achromatomaly
185, 183, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 206, 125 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, 166, 125) looks like.

```
.text, #text, p{  
    color:rgb(206, 166, 125)  
}
```

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, 166, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 166, 125) }
```

Border

The CSS property to change the border of an element to RYB 204, 206, 125 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, 166, 125) }
```

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

```
.border{ border-color:rgb(206, 166, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 166, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 166, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 166, 125);  
box-shadow:4px 4px 4px 4px rgb(206, 166,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 206, 166, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 166, 125) }
```

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

```
.background{ background-color: rgb(206,  
166, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor