

Converting Colors

`RYB(208, 210, 107)`

Have a look what the booklet for
RYB(208, 210, 107) contains.

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Color

$\text{RYB}(208, 210, 107)$

Conversions

Conversions Part 1

Format	Color
Hex	D29F6B
RGB	210, 159, 107
RGB Percent	82%, 62%, 42%
CMY	0.1765, 0.3765, 0.5804
CMYK	0.00, 0.24, 0.49, 0.18
HSL	30°, 53%, 62%
HSV	30°, 49%, 82%
XYZ	41.6312, 39.5611, 19.3518
YIQ	168.3210, 47.0880, -5.3600

Conversions

Conversions Part 2

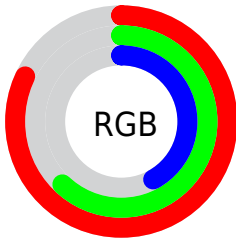
Format	Color
RYB	208, 210, 107
Decimal	13803371
CIELab	69.16, 12.67, 34.37
CIElCh	69, 36.633, 69.767
Yxy	39.5611, 0.4141, 0.3935
Android (android.graphics.Color)	4291993451 (0xFFD29F6B)
YUV	168.3210, -30.2313, 36.5525
Hunter-Lab	62.8976, 8.0760, 25.7865

Details

The RYB color **208, 210, 107** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **107, 141, 210**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **231, 255, 159**, and **144, 153, 58** is the 20% darker color. If you saturate the color by 10%, you get **206, 210, 86**, and if you desaturate by 10%, it is **210, 210, 128**.

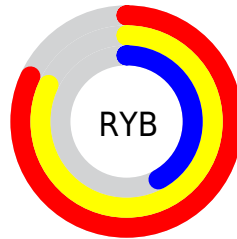
Distribution



Red (82%)

Green (62%)

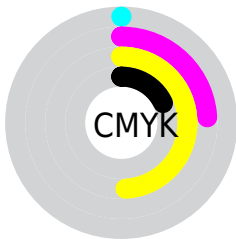
Blue (42%)



Red (82%)

Yellow (82%)

Blue (42%)

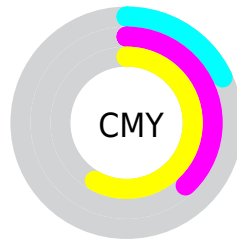


Cyan (0%)

Magenta (24%)

Yellow (49%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 210, 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 208, 210, 107 by changing the saturation by 10% instead.

 208, 210, 107

255, 255, 255

 231, 255, 159

 202, 255, 186


 214, 255, 214

 243, 255, 243

 208, 210, 107

 175, 181, 82

 144, 153, 58

 114, 125, 35

 80, 98, 12

 67, 73, 0

 47, 29, 0

 20, 0, 0

 0, 0, 0

 208, 210, 107

 208, 210, 107

206, 210, 86

210, 210, 128

208, 210, 65

208, 210, 149

206, 210, 44

210, 210, 170

208, 210, 23

208, 210, 191

206, 210, 2

210, 211, 212

206, 210, 0

210, 217, 233

210, 225, 254

210, 229, 255

210, 232, 255

Harmonies

Analogous

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



229, 153, 128



208, 210, 107



114, 180, 103

Triad

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



208, 210, 107



58, 125, 187



187, 156, 220

Complementary

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



208, 210, 107



107, 141, 210

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.



139, 161, 234



208, 210, 107



34, 115, 210

Square

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



208, 210, 107



103, 157, 185



82, 140, 230



219, 146, 193

Rectangle

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



208, 210, 107



110, 177, 130



82, 140, 230



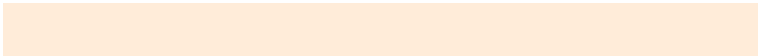
172, 160, 226

Sweetspot

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



208, 210, 107



255, 255, 217



210, 107, 158



128, 126, 105



0, 0, 0



128, 128, 128

Same Dimension

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



208, 210, 107



251, 255, 105



107, 210, 107



105, 103, 94



164, 168, 0



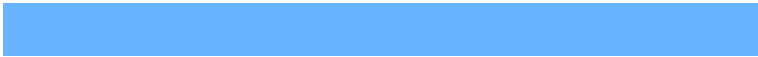
39, 41, 0

Inverse Universe

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



107, 141, 210



105, 155, 255



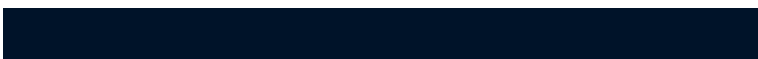
107, 107, 210



94, 97, 105



0, 56, 168



0, 13, 41

Previews

White Background



This preview shows how the RYB color 208, 210, 107 looks on a white background.

Color Contrast Check

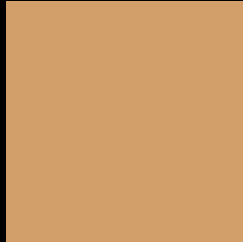
Large Text (above 18pt) WCAG AA × Fail

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 208, 210, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

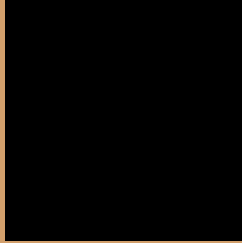
Any Text WCAG AA ✓ Pass

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 208, 210, 107 Background



This preview shows how black text looks on a background with the RYB color 208, 210, 107.



This preview shows how white text looks on a background with the RYB color 208, 210, 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
208, 210, 107

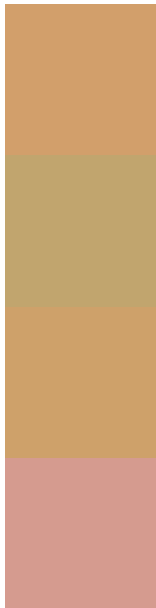
Protanopia
130, 184, 111

Deuteranopia
180, 204, 106



Tritanopia
215, 152, 163

Trichromacy



Original Color
208, 210, 107

Protanomaly
152, 193, 110

Deuteranomaly
188, 206, 106

Tritanomaly
213, 157, 143

Monochromacy



Original Color
208, 210, 107

Achromatopsia
168, 168, 168

Achromatomaly
181, 183, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 210, 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(210, 159, 107)` looks like.

```
.text, #text, p{  
    color:rgb(210, 159, 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(210, 159, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 159, 107) }
```

Border

The CSS property to change the border of an element to RYB 208, 210, 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(210, 159, 107) }
```

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

```
.border{ border-color:rgb(210, 159, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 159, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 159, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 159, 107);  
box-shadow:4px 4px 4px 4px rgb(210, 159,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 210, 159, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 159, 107) }
```

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

```
.background{ background-color: rgb(210,  
159, 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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