

Converting Colors

`RYB(217, 171, 108)`

Have a look what the booklet for
RYB(217, 171, 108) contains.

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Color

R_YB(217, 171, 108)

Conversions

Conversions Part 1

Format	Color
Hex	D9946C
RGB	217, 148, 108
RGB Percent	85%, 58%, 42%
CMY	0.1490, 0.4199, 0.5765
CMYK	0.00, 0.32, 0.50, 0.15
HSL	22°, 59%, 64%
HSV	22°, 50%, 85%
XYZ	41.9001, 36.9905, 19.1189
YIQ	164.0710, 53.9640, 2.1880

Conversions

Conversions Part 2

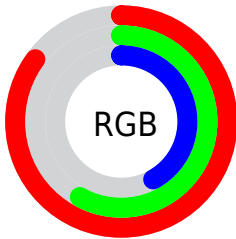
Format	Color
RYB	217, 171, 108
Decimal	14259308
CIELab	67.27, 21.61, 31.57
CIElCh	67, 38.263, 55.607
Yxy	36.9905, 0.4275, 0.3774
Android (android.graphics.Color)	4292449388 (0xFFD9946C)
YUV	164.0710, -27.6430, 46.4187
Hunter-Lab	60.8198, 16.5378, 23.9359

Details

The RYB color **217, 171, 108** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **108, 150, 217**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 235, 160**, and **159, 119, 60** is the 20% darker color. If you saturate the color by 10%, you get **217, 162, 86**, and if you desaturate by 10%, it is **217, 181, 130**.

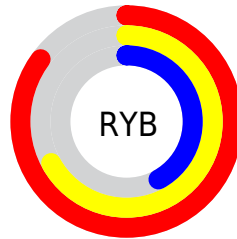
Distribution



Red (85%)

Green (58%)

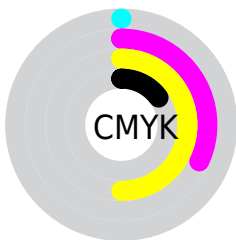
Blue (42%)



Red (85%)

Yellow (67%)

Blue (42%)

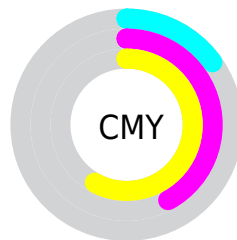


Cyan (0%)

Magenta (32%)

Yellow (50%)

Black (15%)



Cyan (15%)


Magenta (42%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 171, 108 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 217, 171, 108 by changing the saturation by 10% instead.

 217, 171, 108

 217, 171, 108


255, 255, 255

 188, 145, 83

 255, 235, 160

 159, 119, 60

 227, 255, 187

 131, 95, 37

 215, 255, 215

 103, 73, 15


 244, 255, 244


 77, 42, 0

 50, 7, 0

 22, 0, 0

 0, 0, 0

 217, 171, 108

 217, 171, 108

■ 217, 162, 86

■ 217, 181, 130

■ 217, 151, 65

■ 217, 189, 151

■ 217, 144, 43

■ 217, 198, 173

■ 217, 135, 21

■ 217, 208, 195

■ 217, 124, 0

■ 217, 217, 217

■ 217, 225, 238

■ 217, 233, 255

■ 217, 236, 255

Harmonies

Analogous

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



230, 139, 136



217, 171, 108



140, 191, 94

Triad

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



217, 171, 108



67, 132, 182



160, 157, 226

Complementary

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



217, 171, 108



108, 150, 217

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.



103, 147, 232



217, 171, 108



0, 93, 192

Square

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



217, 171, 108



115, 170, 178



29, 112, 220



202, 144, 203

Rectangle

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



217, 171, 108



97, 168, 96



29, 112, 220



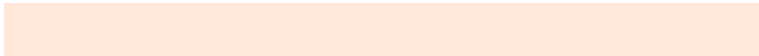
143, 158, 230

Sweetspot

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



217, 171, 108



255, 239, 217



217, 108, 179



128, 117, 105



0, 0, 0



128, 128, 128

Same Dimension

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



217, 171, 108



255, 190, 102



127, 217, 108



110, 105, 99



173, 102, 0



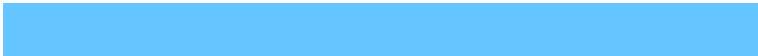
46, 27, 0

Inverse Universe

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



108, 150, 217



102, 161, 255



108, 122, 217



99, 103, 110



0, 67, 173



0, 18, 46

Previews

White Background



This preview shows how the RYB color 217, 171, 108 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 217, 171, 108 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 217, 171, 108 Background



This preview shows how black text looks on a background with the RYB color 217, 171, 108.

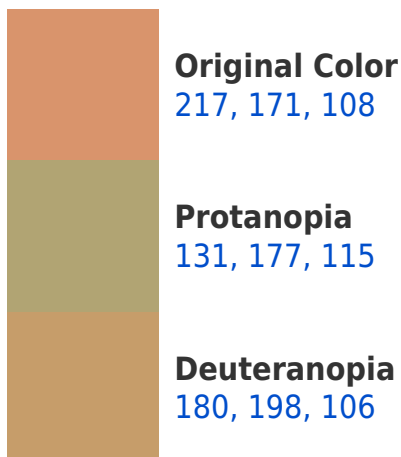


This preview shows how white text looks on a background with the RYB color 217, 171, 108.

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](#).

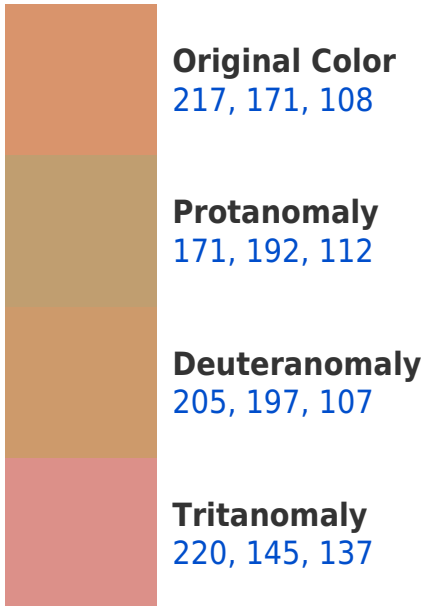
Dichromacy



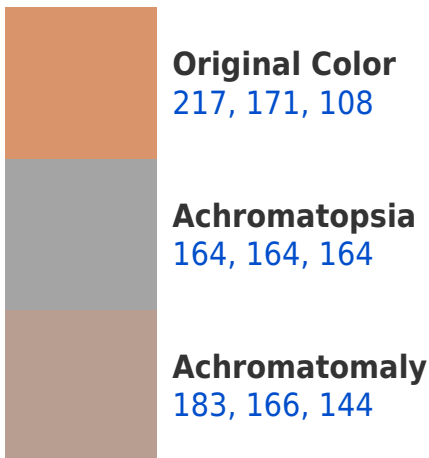


Tritanopia
221, 142, 153

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 171, 108 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(217, 148, 108)` looks like.

```
.text, #text, p{  
    color:rgb(217, 148, 108)  
}
```

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(217, 148, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 148, 108) }
```

Border

The CSS property to change the border of an element to RYB 217, 171, 108 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(217, 148, 108) }
```

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

```
.border{ border-color:rgb(217, 148, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 148, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 148, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 148, 108);  
box-shadow:4px 4px 4px 4px rgb(217, 148,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 217, 148, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 148, 108) }
```

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

```
.background{ background-color: rgb(217,  
148, 108) }
```

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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