

Converting Colors

`RYB(210, 192, 136)`

Have a look what the booklet for
RYB(210, 192, 136) contains.

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Color

$\text{RYB}(210, 192, 136)$

Conversions

Conversions Part 1

Format	Color
Hex	D2A888
RGB	210, 168, 136
RGB Percent	82%, 66%, 53%
CMY	0.1765, 0.3417, 0.4667
CMYK	0.00, 0.20, 0.35, 0.18
HSL	26°, 45%, 68%
HSV	26°, 35%, 82%
XYZ	45.0022, 43.4391, 29.3053
YIQ	176.9100, 35.3040, -1.0480

Conversions

Conversions Part 2

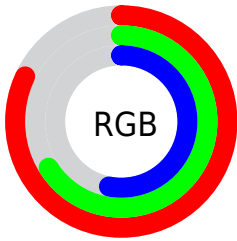
Format	Color
RYB	210, 192, 136
Decimal	13805704
CIELab	71.85, 11.03, 22.34
CIElCh	72, 24.915, 63.718
Yxy	43.4391, 0.3822, 0.3689
Android (android.graphics.Color)	4291995784 (0xFFD2A888)
YUV	176.9100, -20.1686, 29.0199
Hunter-Lab	65.9083, 6.5403, 19.7733

Details

The RYB color **210, 192, 136** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **136, 163, 210**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **251, 255, 189**, and **154, 140, 86** is the 20% darker color. If you saturate the color by 10%, you get **210, 187, 115**, and if you desaturate by 10%, it is **210, 198, 157**.

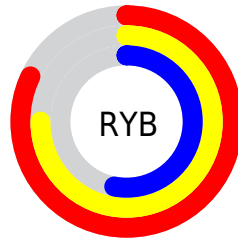
Distribution



Red (82%)

Green (66%)

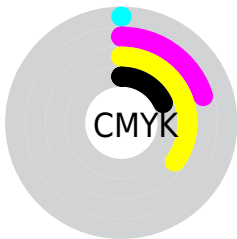
Blue (53%)



Red (82%)

Yellow (75%)

Blue (53%)

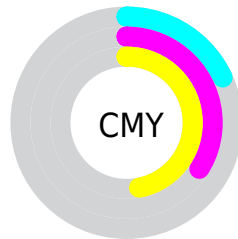


Cyan (0%)

Magenta (20%)

Yellow (35%)

Black (18%)



Cyan (18%)


Magenta (34%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 192, 136 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 210, 192, 136 by changing the saturation by 10% instead.


 210, 192, 136


255, 255, 255

 251, 255, 189

 220, 255, 217


 246, 255, 246

 210, 192, 136

 182, 163, 111

 154, 140, 86

 127, 114, 62

 101, 92, 40


 76, 67, 19

 52, 45, 0


 28, 0, 0


 0, 0, 0

 210, 192, 136


 210, 192, 136

 210, 187, 115

 210, 198, 157

 210, 182, 94


 210, 203, 178

 210, 177, 73


 210, 208, 199

 210, 171, 52


 210, 214, 220

 210, 166, 31

 210, 221, 241

 210, 161, 10

 210, 228, 255

 210, 158, 0

 210, 232, 255

 210, 233, 255

Harmonies

Analogous

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



221, 164, 152



210, 192, 136



151, 190, 131

Triad

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



210, 192, 136



118, 156, 189



183, 169, 214

Complementary

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



210, 192, 136



136, 163, 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.



152, 170, 221



210, 192, 136



110, 152, 200

Square

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



210, 192, 136



139, 175, 187



124, 160, 216



208, 163, 197

Rectangle

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



210, 192, 136



134, 180, 140



124, 160, 216



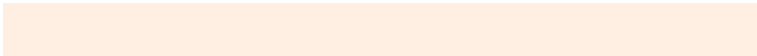
173, 172, 218

Sweetspot

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



210, 192, 136



255, 248, 227



210, 136, 179



128, 123, 111



0, 0, 0



128, 128, 128

Same Dimension

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



210, 192, 136



255, 229, 148



143, 210, 136



105, 103, 94



168, 126, 0



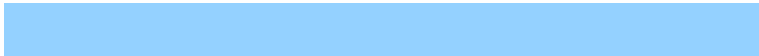
41, 32, 0

Inverse Universe

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



136, 163, 210



148, 187, 255



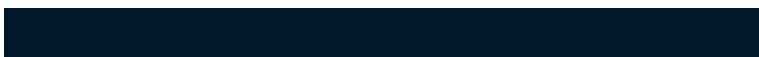
136, 142, 210



94, 98, 105



0, 61, 168



0, 15, 41

Previews

White Background



This preview shows how the RYB color 210, 192, 136 looks on a white background.

Color Contrast Check

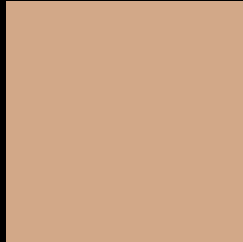
Large Text (above 18pt) WCAG AA × Fail

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 210, 192, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

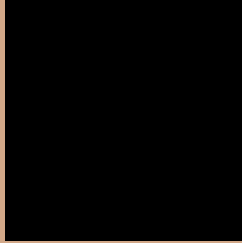
Any Text WCAG AA ✓ Pass

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 210, 192, 136 Background



This preview shows how black text looks on a background with the RYB color 210, 192, 136.



This preview shows how white text looks on a background with the RYB color 210, 192, 136.

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
210, 192, 136

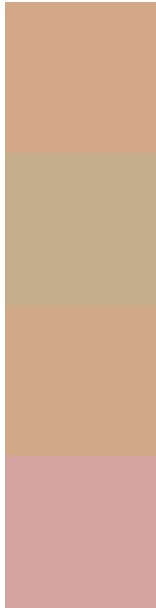
Protanopia
154, 187, 140

Deuteranopia
207, 198, 136



Tritanopia
214, 162, 175

Trichromacy



Original Color
210, 192, 136

Protanomaly
175, 195, 139

Deuteranomaly
208, 197, 136

Tritanomaly
213, 164, 161

Monochromacy



Original Color
210, 192, 136

Achromatopsia
177, 177, 177

Achromatomaly
189, 184, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 192, 136 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, 168, 136) looks like.

```
.text, #text, p{  
    color:rgb(210, 168, 136)  
}
```

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, 168, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 168, 136) }
```

Border

The CSS property to change the border of an element to RYB 210, 192, 136 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, 168, 136) }
```

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

```
.border{ border-color:rgb(210, 168, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 168, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 168, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 168, 136);  
box-shadow:4px 4px 4px 4px rgb(210, 168,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 210, 192, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 168, 136) }
```

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

```
.background{ background-color: rgb(210,  
168, 136) }
```

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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