

Converting Colors

`RYB(210, 186, 130)`

Have a look what the booklet for
RYB(210, 186, 130) contains.

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Color

$\text{RYB}(210, 186, 130)$

Conversions

Conversions Part 1

Format	Color
Hex	D2A382
RGB	210, 163, 130
RGB Percent	82%, 64%, 51%
CMY	0.1765, 0.3610, 0.4902
CMYK	0.00, 0.22, 0.38, 0.18
HSL	25°, 47%, 67%
HSV	25°, 38%, 82%
XYZ	43.6944, 41.4868, 26.8239
YIQ	173.2910, 38.6050, -0.2990

Conversions

Conversions Part 2

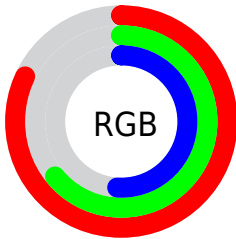
Format	Color
R_{YB}	210, 186, 130
Decimal	13804418
CIE _{Lab}	70.52, 12.98, 23.79
CIE _{LCh}	71, 27.099, 61.382
Yxy	41.4868, 0.3901, 0.3704
Android (android.graphics.Color)	4291994498 (0xFFD2A382)
YUV	173.2910, -21.3425, 32.1938
Hunter-Lab	64.4103, 8.3720, 20.3956

Details

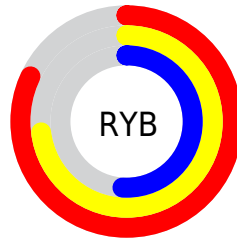
The RYB color **210, 186, 130** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **130, 160, 210**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 251, 183**, and **154, 133, 80** is the 20% darker color. If you saturate the color by 10%, you get **210, 181, 109**, and if you desaturate by 10%, it is **210, 191, 151**.

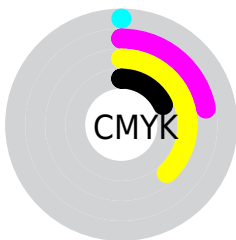
Distribution



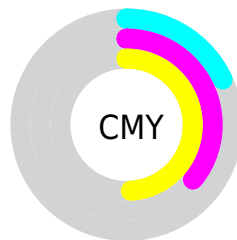
- Red (82%)
- Green (64%)
- Blue (51%)



- Red (82%)
- Yellow (73%)
- Blue (51%)



- Cyan (0%)
- Magenta (22%)
- Yellow (38%)
- Black (18%)




- Cyan (18%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 186, 130 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, 186, 130 by changing the saturation by 10% instead.


 210, 186, 130


255, 255, 255

 255, 251, 183

 222, 255, 211

 239, 255, 239

 210, 186, 130

 182, 160, 105

 154, 133, 80

 127, 110, 57

 100, 84, 35


 75, 62, 14


 50, 33, 0


 27, 0, 0


 0, 0, 0

 210, 186, 130


 210, 186, 130

 210, 181, 109


 210, 191, 151

 210, 173, 88

 210, 200, 172

 210, 167, 67


 210, 205, 193

 210, 162, 46

 210, 211, 214

 210, 154, 25

 210, 219, 235

 210, 149, 4

 210, 227, 255

 210, 146, 0

 210, 231, 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, 157, 148



210, 186, 130



148, 189, 123

Triad

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



210, 186, 130



109, 151, 186



178, 166, 214

Complementary

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



210, 186, 130



130, 160, 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.



143, 165, 221



210, 186, 130



98, 144, 197

Square

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



210, 186, 130



134, 173, 184



111, 153, 215



205, 158, 196

Rectangle

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



210, 186, 130



126, 176, 130



111, 153, 215



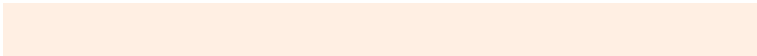
167, 169, 218

Sweetspot

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



210, 186, 130



255, 248, 227



210, 130, 178



128, 123, 111



0, 0, 0



128, 128, 128

Same Dimension

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



210, 186, 130



255, 219, 138



139, 210, 130



105, 100, 94



168, 117, 0



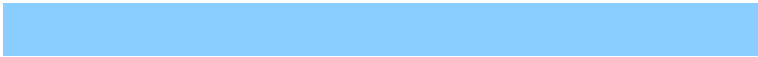
41, 29, 0

Inverse Universe

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



130, 160, 210



138, 181, 255



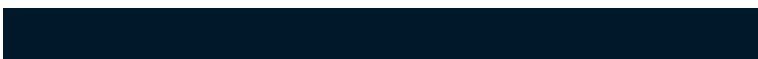
130, 137, 210



94, 98, 105



0, 62, 168



0, 15, 41

Previews

White Background



This preview shows how the RYB color 210, 186, 130 looks on a white background.

Color Contrast Check

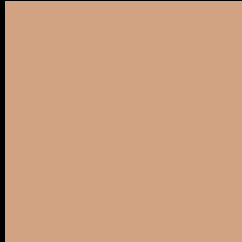
Large Text (above 18pt) WCAG AA × Fail

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, 186, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

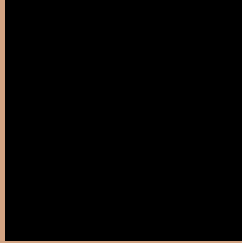
Any Text WCAG AA ✓ Pass

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, 186, 130 Background



This preview shows how black text looks on a background with the RYB color 210, 186, 130.

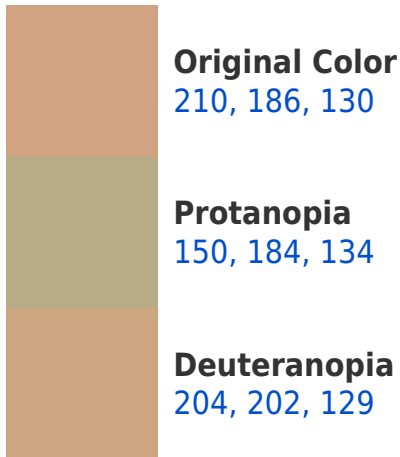



This preview shows how white text looks on a background with the RYB color 210, 186, 130.

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](#).

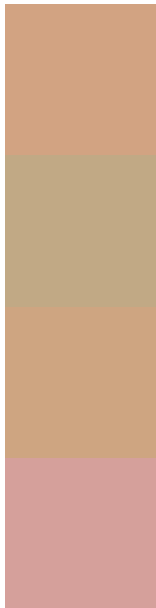
Dichromacy





Tritanopia
214, 158, 170

Trichromacy



Original Color
210, 186, 130

Protanomaly
173, 193, 133

Deuteranomaly
206, 197, 129

Tritanomaly
213, 160, 155

Monochromacy



Original Color
210, 186, 130

Achromatopsia
173, 173, 173

Achromatomaly
186, 177, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 186, 130 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, 163, 130)` looks like.

```
.text, #text, p{  
    color:rgb(210, 163, 130)  
}
```

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, 163, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 163, 130) }
```

Border

The CSS property to change the border of an element to RYB 210, 186, 130 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, 163, 130) }
```

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

```
.border{ border-color:rgb(210, 163, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 163, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 163, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 163, 130);  
box-shadow:4px 4px 4px 4px rgb(210, 163,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 210, 186, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 163, 130) }
```

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

```
.background{ background-color: rgb(210,  
163, 130) }
```

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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