

Converting Colors

`RYB(217, 160, 110)`

Have a look what the booklet for
RYB(217, 160, 110) contains.

RYB(217, 160, 110)	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

$\text{RYB}(217, 160, 110)$

Conversions

Conversions Part 1

Format	Color
Hex	D9906E
RGB	217, 144, 110
RGB Percent	85%, 56%, 43%
CMY	0.1490, 0.4350, 0.5686
CMYK	0.00, 0.34, 0.49, 0.15
HSL	19°, 58%, 64%
HSV	19°, 49%, 85%
XYZ	41.4146, 35.8472, 19.4883
YIQ	161.9510, 54.4220, 4.9020

Conversions

Conversions Part 2

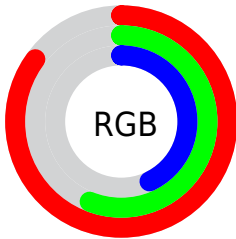
Format	Color
R_{YB}	217, 160, 110
Decimal	14258286
CIE Lab	66.40, 23.87, 29.36
CIE LCh	66, 37.844, 50.885
Yxy	35.8472, 0.4281, 0.3705
Android (android.graphics.Color)	4292448366 (0xFFD9906E)
YUV	161.9510, -25.6118, 48.2780
Hunter-Lab	59.8725, 18.6938, 22.6121

Details

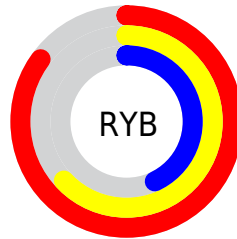
The RYB color **217, 160, 110** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **110, 153, 217**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 221, 162**, and **159, 108, 62** is the 20% darker color. If you saturate the color by 10%, you get **217, 148, 88**, and if you desaturate by 10%, it is **217, 172, 132**.

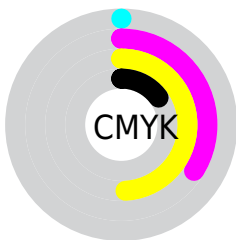
Distribution



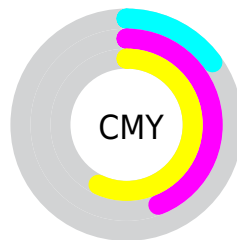
- Red (85%)
- Green (56%)
- Blue (43%)



- Red (85%)
- Yellow (63%)
- Blue (43%)



- Cyan (0%)
- Magenta (34%)
- Yellow (49%)
- Black (15%)



- Cyan (15%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 160, 110 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, 160, 110 by changing the saturation by 10% instead.

 217, 160, 110

255, 255, 255

 255, 221, 162

 241, 255, 189


 217, 255, 217

 246, 255, 246

 217, 160, 110

 188, 134, 85

 159, 108, 62

 131, 84, 39

 103, 61, 17

 77, 33, 0

 50, 1, 0

 19, 0, 0

 0, 0, 0

 217, 160, 110

 217, 160, 110

■ 217, 148, 88

■ 217, 172, 132

■ 217, 135, 67

■ 217, 184, 153

■ 217, 126, 45

■ 217, 194, 175

■ 217, 114, 23

■ 217, 206, 197

■ 217, 101, 2

■ 217, 218, 219

■ 217, 101, 0

■ 217, 226, 240

■ 217, 234, 255

■ 217, 236, 255

Harmonies

Analogous

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



228, 136, 139



217, 160, 110



153, 193, 94

Triad

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



217, 160, 110



74, 135, 179



150, 156, 225

Complementary

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



217, 160, 110



110, 153, 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.



92, 141, 228



217, 160, 110



0, 91, 185

Square

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



217, 160, 110



117, 175, 172



10, 101, 213



194, 144, 205

Rectangle

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



217, 160, 110



103, 171, 94



10, 101, 213



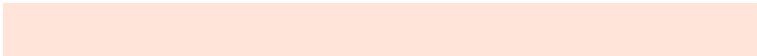
132, 154, 228

Sweetspot

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



217, 160, 110



255, 235, 217



217, 110, 183



128, 115, 105



0, 0, 0



128, 128, 128

Same Dimension

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



217, 160, 110



255, 173, 105



135, 217, 110



110, 103, 99



173, 81, 0



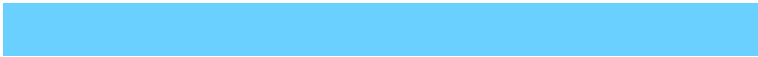
46, 22, 0

Inverse Universe

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



110, 153, 217



105, 166, 255



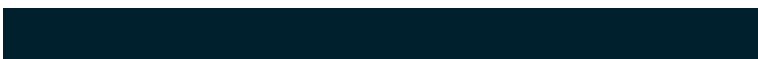
110, 127, 217



99, 103, 110



0, 70, 173



0, 19, 46

Previews

White Background



This preview shows how the RYB color 217, 160, 110 looks on a white background.

Color Contrast Check

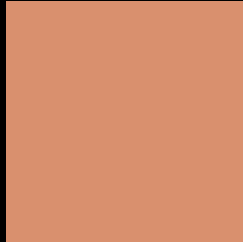
Large Text (above 18pt) WCAG AA × Fail

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, 160, 110 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, 160, 110 Background



This preview shows how black text looks on a background with the RYB color 217, 160, 110.



This preview shows how white text looks on a background with the RYB color 217, 160, 110.

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
217, 160, 110

Protanopia
132, 174, 117

Deuteranopia
179, 194, 108



Tritanopia
220, 139, 149

Trichromacy



Original Color
217, 160, 110

Protanomaly
179, 190, 114

Deuteranomaly
202, 186, 109

Tritanomaly
219, 141, 135

Monochromacy



Original Color
217, 160, 110

Achromatopsia
162, 162, 162

Achromatomaly
182, 160, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 160, 110 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, 144, 110)` looks like.

```
.text, #text, p{  
    color:rgb(217, 144, 110)  
}
```

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, 144, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 144, 110) }
```

Border

The CSS property to change the border of an element to RYB 217, 160, 110 is called "border". The border property can be set on classes, ids or directly on the HTML element.

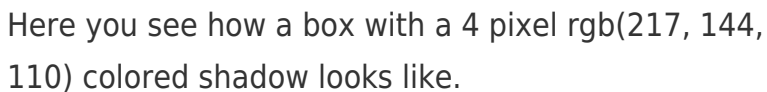
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 144, 110) }
```

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

```
.border{ border-color:rgb(217, 144, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 144, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 144, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 144, 110); box-shadow:4px 4px 4px 4px rgb(217, 144, 110) }
```

Background

The CSS property to change the background color of an element to RGB 217, 144, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 144, 110) }
```

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

```
.background{ background-color: rgb(217,  
144, 110) }
```

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