

Converting Colors

`RYB(214, 170, 89)`

Have a look what the booklet for
RYB(214, 170, 89) contains.

RYB(214, 170, 89)	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

R_YB(214, 170, 89)

Conversions

Conversions Part 1

Format	Color
Hex	D68A59
RGB	214, 138, 89
RGB Percent	84%, 54%, 35%
CMY	0.1608, 0.4582, 0.6510
CMYK	0.00, 0.35, 0.58, 0.16
HSL	24°, 60%, 59%
HSV	24°, 58%, 84%
XYZ	38.6448, 33.2376, 13.8299
YIQ	155.1380, 61.0250, 0.8730

Conversions

Conversions Part 2

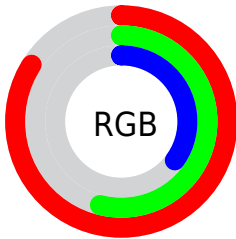
Format	Color
RYB	214, 170, 89
Decimal	14060121
CIELab	64.35, 24.07, 38.00
CIElCh	64, 44.983, 57.657
Yxy	33.2376, 0.4509, 0.3878
Android (android.graphics.Color)	4292250201 (0xFFD68A59)
YUV	155.1380, -32.6060, 51.6220
Hunter-Lab	57.6520, 18.7595, 26.1336

Details

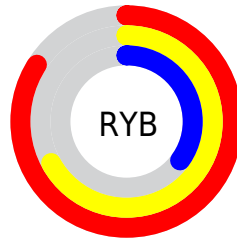
The RYB color **214, 170, 89** is a dark color, and the websafe version is hex **CC9966**, and the color name is **raw sienna**. The color can be described as middle muted orange. A complement of this color would be **89, 136, 214**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **255, 235, 140**, and **155, 118, 41** is the 20% darker color. If you saturate the color by 10%, you get **214, 162, 68**, and if you desaturate by 10%, it is **214, 178, 110**.

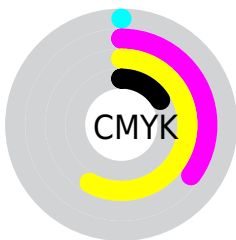
Distribution



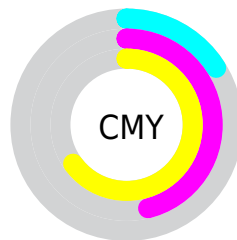
- Red (84%)
- Green (54%)
- Blue (35%)



- Red (84%)
- Yellow (67%)
- Blue (35%)



- Cyan (0%)
- Magenta (35%)
- Yellow (58%)
- Black (16%)



- Cyan (16%)
- Magenta (46%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 170, 89 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 214, 170, 89 by changing the saturation by 10% instead.

 214, 170, 89  214, 170, 89

255, 255, 255  184, 143, 65

 255, 235, 140  155, 121, 41

 225, 255, 167  127, 98, 18


 201, 255, 194  99, 70, 0

 222, 255, 222  72, 24, 0

 251, 255, 251  46, 0, 0

 0, 0, 0

 214, 170, 89  214, 170, 89


 214, 162, 68  214, 178, 110

 214, 155, 46

 214, 184, 132

 214, 147, 25

 214, 193, 153

 214, 140, 3

 214, 199, 175

 214, 138, 0

 214, 207, 196

 214, 215, 217

 214, 223, 239

 214, 231, 255

 214, 235, 255

Harmonies

Analogous

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



231, 126, 121



214, 170, 89



115, 183, 74

Triad

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



214, 170, 89



0, 95, 176



154, 147, 227

Complementary

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



214, 170, 89



89, 136, 214

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.



79, 133, 236



214, 170, 89



0, 92, 192

Square

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



214, 170, 89



93, 158, 173



0, 97, 223



203, 132, 200

Rectangle

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



214, 170, 89



77, 161, 81



0, 97, 223



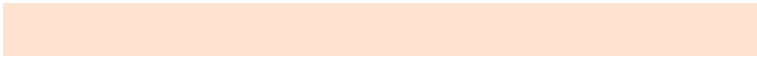
133, 149, 232

Sweetspot

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



214, 170, 89



255, 239, 209



214, 89, 166



128, 117, 99



0, 0, 0



128, 128, 128

Same Dimension

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



214, 170, 89



255, 192, 77



106, 214, 89



107, 105, 96



171, 110, 0



43, 28, 0

Inverse Universe

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



89, 136, 214



77, 144, 255



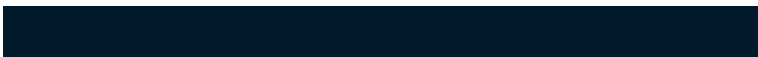
89, 102, 214



96, 100, 107



0, 65, 171



0, 16, 43

Previews

White Background



This preview shows how the RYB color 214, 170, 89 looks on a white background.

Color Contrast Check

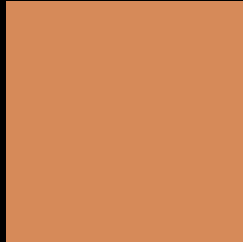
Large Text (above 18pt) WCAG AA × Fail

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 214, 170, 89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

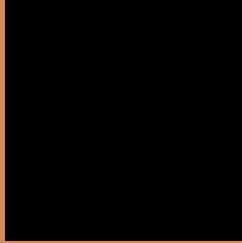
Any Text WCAG AA ✓ Pass

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](#).

R_YB 214, 170, 89 Background



This preview shows how black text looks on a background with the R_YB color 214, 170, 89.

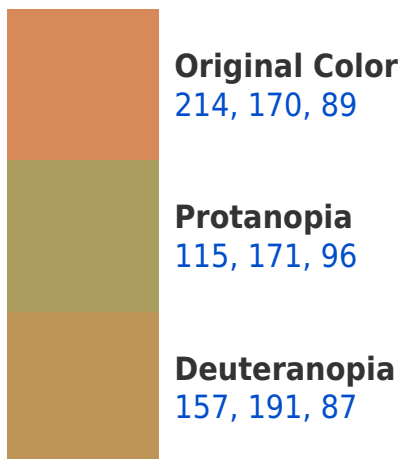



This preview shows how white text looks on a background with the R_YB color 214, 170, 89.

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
218, 132, 141

Trichromacy



Original Color

214, 170, 89

Protanomaly

154, 187, 93

Deuteranomaly

193, 199, 88

Tritanomaly

217, 136, 122

Monochromacy



Original Color

214, 170, 89

Achromatopsia

155, 155, 155

Achromatomaly

176, 161, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 170, 89 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(214, 138, 89)` looks like.

```
.text, #text, p{  
    color:rgb(214, 138, 89)  
}
```

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(214, 138, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 138, 89) }
```

Border

The CSS property to change the border of an element to RYB 214, 170, 89 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(214, 138, 89) }
```

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

```
.border{ border-color:rgb(214, 138, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 138, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 138, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 138, 89);  
box-shadow:4px 4px 4px 4px rgb(214, 138,  
89) }
```

Background

The CSS property to change the background color of an element to RGB 214, 138, 89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 138, 89) }
```

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

```
.background{ background-color: rgb(214,  
138, 89) }
```

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