

Converting Colors

`RYB(214, 160, 115)`

Have a look what the booklet for
RYB(214, 160, 115) contains.

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Color

$\text{RYB}(214, 160, 115)$

Conversions

Conversions Part 1

Format	Color
Hex	D69273
RGB	214, 146, 115
RGB Percent	84%, 57%, 45%
CMY	0.1608, 0.4277, 0.5490
CMYK	0.00, 0.32, 0.46, 0.16
HSL	19°, 55%, 65%
HSV	19°, 46%, 84%
XYZ	41.0953, 36.0725, 21.0164
YIQ	162.7980, 50.4790, 4.7750

Conversions

Conversions Part 2

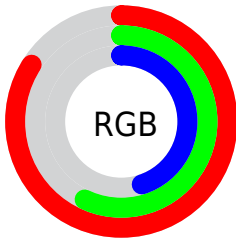
Format	Color
RYB	214, 160, 115
Decimal	14062195
CIELab	66.58, 22.16, 26.79
CIElCh	67, 34.763, 50.406
Yxy	36.0725, 0.4186, 0.3674
Android (android.graphics.Color)	4292252275 (0xFFD69273)
YUV	162.7980, -23.5644, 44.9042
Hunter-Lab	60.0603, 17.0301, 21.2954

Details

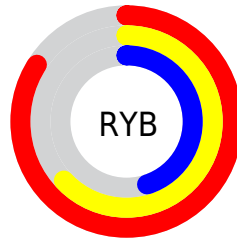
The RYB color **214, 160, 115** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **115, 155, 214**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 220, 167**, and **157, 109, 66** is the 20% darker color. If you saturate the color by 10%, you get **214, 147, 94**, and if you desaturate by 10%, it is **214, 173, 136**.

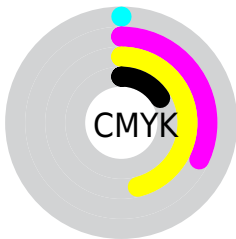
Distribution



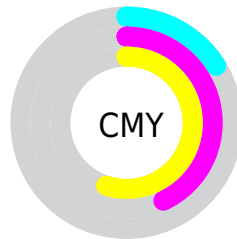
- Red (84%)
- Green (57%)
- Blue (45%)



- Red (84%)
- Yellow (63%)
- Blue (45%)



- Cyan (0%)
- Magenta (32%)
- Yellow (46%)
- Black (16%)




- Cyan (16%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 160, 115 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, 160, 115 by changing the saturation by 10% instead.

 214, 160, 115

 214, 160, 115

255, 255, 255

 185, 134, 90


 255, 220, 167

 157, 109, 66

 244, 255, 195

 129, 84, 44

 223, 255, 223

 101, 61, 22

 251, 255, 251


 75, 38, 0

 49, 4, 0

 18, 0, 0

 0, 0, 0

 214, 160, 115


 214, 160, 115

 214, 147, 94

 214, 173, 136

 214, 138, 72


 214, 182, 158

 214, 125, 51

 214, 195, 179

 214, 113, 29

 214, 207, 201

 214, 101, 8

 214, 217, 222

 214, 98, 0

 214, 226, 243

 214, 233, 255

 214, 235, 255

Harmonies

Analogous

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



223, 139, 142



214, 160, 115



156, 192, 100

Triad

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



214, 160, 115



86, 140, 178



151, 157, 220

Complementary

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



214, 160, 115



115, 155, 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.



101, 144, 223



214, 160, 115



47, 114, 183

Square

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



214, 160, 115



121, 174, 170



51, 120, 209



192, 146, 202

Rectangle

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



214, 160, 115



109, 172, 100



51, 120, 209



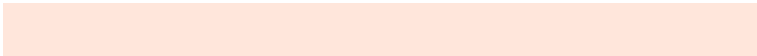
135, 155, 223

Sweetspot

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



214, 160, 115



255, 235, 219



214, 115, 184



128, 116, 106



0, 0, 0



128, 128, 128

Same Dimension

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



214, 160, 115



255, 178, 112



140, 214, 115



107, 102, 96



171, 77, 0



43, 21, 0

Inverse Universe

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



115, 155, 214



112, 170, 255



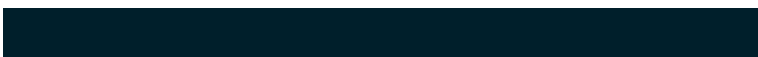
115, 132, 214



96, 101, 107



0, 69, 171



0, 18, 43

Previews

White Background



This preview shows how the RYB color 214, 160, 115 looks on a white background.

Color Contrast Check

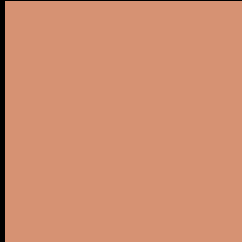
Large Text (above 18pt) WCAG AA × Fail

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, 160, 115 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 214, 160, 115 Background



This preview shows how black text looks on a background with the RYB color 214, 160, 115.

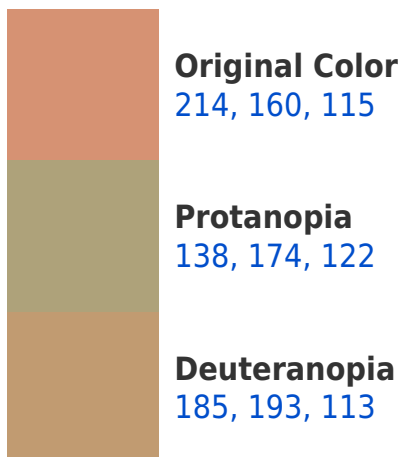



This preview shows how white text looks on a background with the RYB color 214, 160, 115.

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
217, 141, 152

Trichromacy



Original Color
214, 160, 115

Protanomaly
181, 189, 119

Deuteranomaly
201, 181, 114

Tritanomaly
216, 143, 139

Monochromacy



Original Color
214, 160, 115

Achromatopsia
163, 163, 163

Achromatomaly
182, 162, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 160, 115 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, 146, 115)` looks like.

```
.text, #text, p{  
    color:rgb(214, 146, 115)  
}
```

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, 146, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 146, 115) }
```

Border

The CSS property to change the border of an element to RYB 214, 160, 115 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, 146, 115) }
```

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

```
.border{ border-color:rgb(214, 146, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 146, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 146, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 146, 115);  
box-shadow:4px 4px 4px 4px rgb(214, 146,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 214, 160, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 146, 115) }
```

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

```
.background{ background-color: rgb(214,  
146, 115) }
```

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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