

Converting Colors

`RYB(219, 162, 114)`

Have a look what the booklet for
RYB(219, 162, 114) contains.

RYB(219, 162, 114)	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

$\text{RYB}(219, 162, 114)$

Conversions

Conversions Part 1

Format	Color
Hex	DB9372
RGB	219, 147, 114
RGB Percent	86%, 58%, 45%
CMY	0.1412, 0.4238, 0.5529
CMYK	0.00, 0.33, 0.48, 0.14
HSL	19°, 59%, 65%
HSV	19°, 48%, 86%
XYZ	42.6753, 37.1241, 20.8360
YIQ	164.7660, 53.5050, 5.0010

Conversions

Conversions Part 2

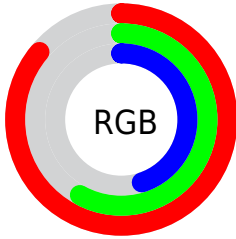
Format	Color
R _Y B	219, 162, 114
Decimal	14390130
CIE Lab	67.37, 23.51, 28.49
CIE LCh	67, 36.940, 50.465
Yxy	37.1241, 0.4241, 0.3689
Android (android.graphics.Color)	4292580210 (0xFFDB9372)
YUV	164.7660, -25.0276, 47.5632
Hunter-Lab	60.9296, 18.3952, 22.3753

Details

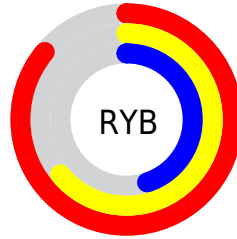
The RYB color **219, 162, 114** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **114, 157, 219**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 224, 166**, and **161, 111, 65** is the 20% darker color. If you saturate the color by 10%, you get **219, 150, 92**, and if you desaturate by 10%, it is **219, 174, 136**.

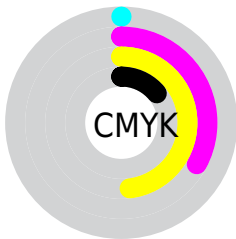
Distribution



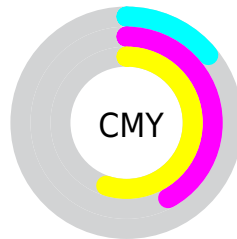
- Red (86%)
- Green (58%)
- Blue (45%)



- Red (86%)
- Yellow (64%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (48%)
- Black (14%)



- Cyan (14%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 162, 114 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 219, 162, 114 by changing the saturation by 10% instead.

 219, 162, 114

255, 255, 255

 255, 224, 166


 235, 255, 193

 221, 255, 221

 250, 255, 250

 219, 162, 114

 190, 136, 89

 161, 111, 65

 133, 86, 43

 105, 61, 21


 79, 39, 0

 52, 4, 0

 25, 0, 1

 0, 0, 0

 219, 162, 114

 219, 162, 114

■ 219, 150, 92

■ 219, 174, 136

■ 219, 139, 70

■ 219, 186, 158

■ 219, 127, 48

■ 219, 197, 180

■ 219, 115, 26

■ 219, 209, 202

■ 219, 103, 4

■ 219, 221, 224

■ 219, 101, 0

■ 219, 230, 245

■ 219, 236, 255

■ 219, 237, 255

Harmonies

Analogous

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



229, 139, 142



219, 162, 114



158, 195, 98

Triad

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



219, 162, 114



81, 139, 181



152, 158, 226

Complementary

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



219, 162, 114



114, 157, 219

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.



97, 144, 229



219, 162, 114



29, 106, 186

Square

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



219, 162, 114



121, 177, 173



34, 114, 214



196, 147, 207

Rectangle

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



219, 162, 114



107, 174, 98



34, 114, 214



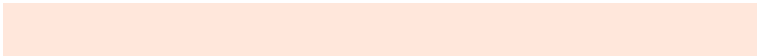
135, 157, 229

Sweetspot

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



219, 162, 114



255, 237, 219



219, 114, 188



128, 116, 106



0, 0, 0



128, 128, 128

Same Dimension

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



219, 162, 114



255, 176, 107



140, 219, 114



110, 103, 99



173, 79, 0



46, 20, 0

Inverse Universe

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



114, 157, 219



107, 167, 255



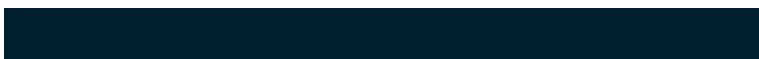
114, 132, 219



99, 103, 110



0, 71, 173



0, 19, 46

Previews

White Background



This preview shows how the RYB color 219, 162, 114 looks on a white background.

Color Contrast Check

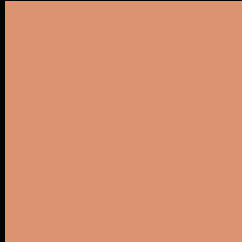
Large Text (above 18pt) WCAG AA × Fail

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 219, 162, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

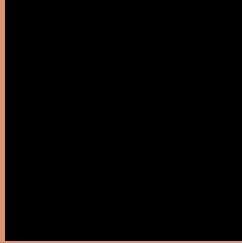
Any Text WCAG AA ✓ Pass

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 219, 162, 114 Background



This preview shows how black text looks on a background with the RYB color 219, 162, 114.



This preview shows how white text looks on a background with the RYB color 219, 162, 114.

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
219, 162, 114

Protanopia
136, 176, 121

Deuteranopia
188, 197, 112



Tritanopia
222, 142, 152

Trichromacy



Original Color
219, 162, 114

Protanomaly
181, 192, 118

Deuteranomaly
205, 184, 113

Tritanomaly
221, 144, 138

Monochromacy



Original Color
219, 162, 114

Achromatopsia
165, 165, 165

Achromatomaly
185, 163, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 162, 114 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(219, 147, 114)` looks like.

```
.text, #text, p{  
    color:rgb(219, 147, 114)  
}
```

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(219, 147, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 147, 114) }
```

Border

The CSS property to change the border of an element to RYB 219, 162, 114 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(219, 147, 114) }
```

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

```
.border{ border-color:rgb(219, 147, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 147, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 147, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 147, 114);  
box-shadow:4px 4px 4px 4px rgb(219, 147,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 219, 162, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 147, 114) }
```

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

```
.background{ background-color: rgb(219,  
147, 114) }
```

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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