

Converting Colors

`RYB(197, 169, 114)`

Have a look what the booklet for
RYB(197, 169, 114) contains.

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Color

$\text{RYB}(197, 169, 114)$

Conversions

Conversions Part 1

Format	Color
Hex	C59372
RGB	197, 147, 114
RGB Percent	77%, 58%, 45%
CMY	0.2275, 0.4232, 0.5529
CMYK	0.00, 0.25, 0.42, 0.23
HSL	24°, 42%, 61%
HSV	24°, 42%, 77%
XYZ	36.5093, 33.9775, 20.5536
YIQ	158.1880, 40.3930, 0.3370

Conversions

Conversions Part 2

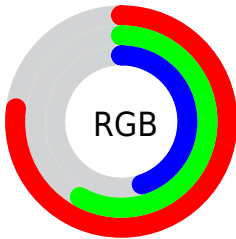
Format	Color
RYB	197, 169, 114
Decimal	12948338
CIELab	64.94, 14.56, 24.83
CIELCh	65, 28.786, 59.610
Yxy	33.9775, 0.4010, 0.3732
Android (android.graphics.Color)	4291138418 (0xFFC59372)
YUV	158.1880, -21.7847, 34.0381
Hunter-Lab	58.2902, 9.7934, 19.8969

Details

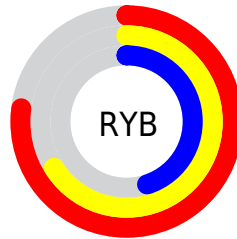
The RYB color **197, 169, 114** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **114, 145, 197**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 224, 166**, and **141, 116, 66** is the 20% darker color. If you saturate the color by 10%, you get **197, 162, 94**, and if you desaturate by 10%, it is **197, 175, 134**.

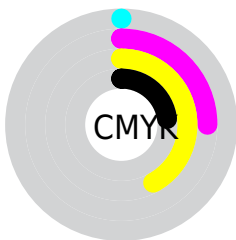
Distribution



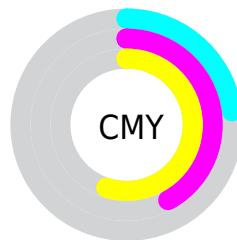
- Red (77%)
- Green (58%)
- Blue (45%)



- Red (77%)
- Yellow (66%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (42%)
- Black (23%)




- Cyan (23%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 169, 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 197, 169, 114 by changing the saturation by 10% instead.

 197, 169, 114

255, 255, 255

 255, 224, 166

 238, 255, 193

 221, 255, 221


 250, 255, 250

 197, 169, 114


 197, 162, 94

 197, 169, 114

 169, 142, 89

 141, 116, 66

 114, 95, 43

 88, 71, 22

 63, 50, 0

 39, 7, 0

 0, 0, 0

 197, 169, 114

 197, 175, 134

 197, 154, 75

 197, 183, 153

 197, 150, 55

 197, 190, 173

 197, 144, 35

 197, 194, 193

 197, 136, 16

 197, 203, 213

 197, 132, 0

 197, 210, 232

 197, 218, 252

 197, 222, 255

 197, 226, 255

Harmonies

Analogous

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



208, 141, 133



197, 169, 114



134, 176, 106

Triad

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



197, 169, 114



90, 135, 172



161, 151, 202

Complementary

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



197, 169, 114



114, 145, 197

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.



123, 149, 209



197, 169, 114



74, 125, 182

Square

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



197, 169, 114



119, 159, 169



88, 134, 201



190, 143, 184

Rectangle

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



197, 169, 114



109, 161, 112



88, 134, 201



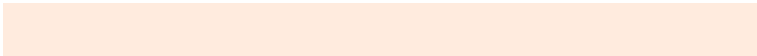
149, 154, 206

Sweetspot

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



197, 169, 114



255, 243, 222



197, 114, 165



128, 120, 107



0, 0, 0



128, 128, 128

Same Dimension

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



197, 169, 114



255, 212, 125



125, 197, 114



99, 95, 90



163, 108, 0



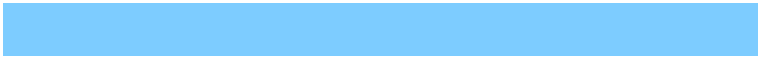
36, 23, 0

Inverse Universe

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



114, 145, 197



125, 174, 255



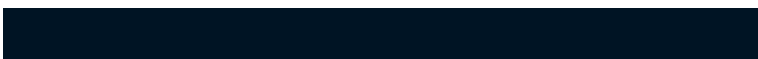
114, 123, 197



90, 93, 99



0, 61, 163



0, 13, 36

Previews

White Background



This preview shows how the RYB color 197, 169, 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 197, 169, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

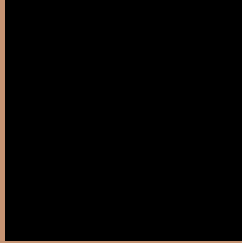
Any Text WCAG AA ✓ Pass

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 197, 169, 114 Background



This preview shows how black text looks on a background with the RYB color 197, 169, 114.



This preview shows how white text looks on a background with the RYB color 197, 169, 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





Tritanopia
201, 142, 153

Trichromacy



Original Color
197, 169, 114

Protanomaly
159, 179, 117

Deuteranomaly
191, 183, 113

Tritanomaly
200, 144, 139

Monochromacy



Original Color
197, 169, 114

Achromatopsia
158, 158, 158

Achromatomaly
172, 162, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 169, 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(197, 147, 114)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 147, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 147, 114) }
```

Border

The CSS property to change the border of an element to RYB 197, 169, 114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

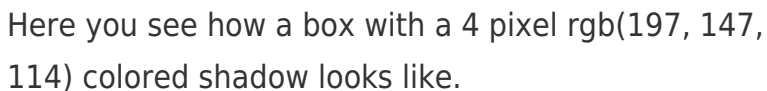
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 147, 114) }
```

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

```
.border{ border-color:rgb(197, 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(197, 147, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 147, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 147, 114); box-shadow:4px 4px 4px 4px rgb(197, 147, 114) }
```

Background

The CSS property to change the background color of an element to RYB 197, 169, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 147, 114) }
```

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

```
.background{ background-color: rgb(197,  
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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