

Converting Colors

`RYB(204, 171, 114)`

Have a look what the booklet for
RYB(204, 171, 114) contains.

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Color

R_YB(204, 171, 114)

Conversions

Conversions Part 1

Format	Color
Hex	CC9572
RGB	204, 149, 114
RGB Percent	80%, 58%, 45%
CMY	0.2000, 0.4161, 0.5529
CMYK	0.00, 0.27, 0.44, 0.20
HSL	23°, 47%, 62%
HSV	23°, 44%, 80%
XYZ	38.6704, 35.5149, 20.7365
YIQ	161.4550, 44.0150, 0.7750

Conversions

Conversions Part 2

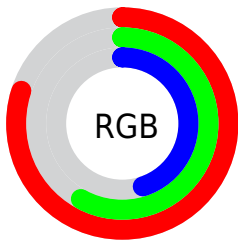
Format	Color
RYB	204, 171, 114
Decimal	13407602
CIELab	66.15, 16.41, 26.57
CIELCh	66, 31.226, 58.293
Yxy	35.5149, 0.4074, 0.3741
Android (android.graphics.Color)	4291597682 (0xFFCC9572)
YUV	161.4550, -23.3953, 37.3120
Hunter-Lab	59.5944, 11.5374, 21.0855

Details

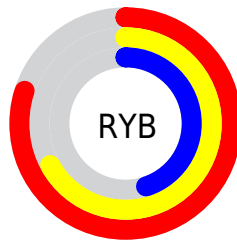
The RYB color **204, 171, 114** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **114, 148, 204**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 229, 166**, and **148, 120, 65** is the 20% darker color. If you saturate the color by 10%, you get **204, 162, 94**, and if you desaturate by 10%, it is **204, 178, 134**.

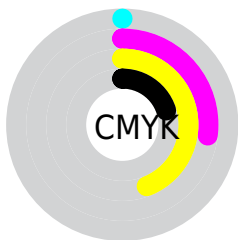
Distribution



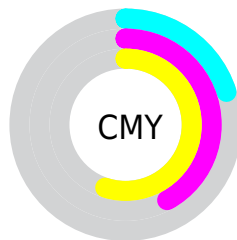
- Red (80%)
- Green (58%)
- Blue (45%)



- Red (80%)
- Yellow (67%)
- Blue (45%)



- Cyan (0%)
- Magenta (27%)
- Yellow (44%)
- Black (20%)




- Cyan (20%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 171, 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 204, 171, 114 by changing the saturation by 10% instead.

 204, 171, 114


255, 255, 255

 255, 229, 166

 232, 255, 193

 221, 255, 221

 250, 255, 250

 204, 171, 114

 175, 145, 89

 148, 120, 65

 120, 95, 43

 94, 72, 21

 68, 51, 0

 43, 10, 0


 0, 0, 0


 204, 171, 114


 204, 162, 94

 204, 171, 114

 204, 178, 134

 204, 157, 73

 204, 186, 155

 204, 147, 53

 204, 193, 175

 204, 142, 32

 204, 201, 196

 204, 132, 12

 204, 208, 216

 204, 129, 0

 204, 216, 236

 204, 224, 255

 204, 228, 255

 204, 230, 255

Harmonies

Analogous

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



216, 141, 136



204, 171, 114



140, 182, 105

Triad

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



204, 171, 114



87, 137, 176



162, 154, 210

Complementary

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



204, 171, 114



114, 148, 204

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.



120, 150, 216



204, 171, 114



65, 123, 186

Square

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



204, 171, 114



120, 165, 173



80, 133, 208



195, 145, 191

Rectangle

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



204, 171, 114



107, 164, 108



80, 133, 208



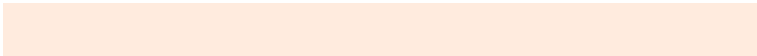
149, 157, 214

Sweetspot

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



204, 171, 114



255, 243, 222



204, 114, 169



128, 120, 107



0, 0, 0



128, 128, 128

Same Dimension

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



204, 171, 114



255, 205, 120



125, 204, 114



102, 99, 92



166, 104, 0



38, 25, 0

Inverse Universe

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



114, 148, 204



120, 171, 255



114, 123, 204



92, 96, 102



0, 63, 166



0, 14, 38

Previews

White Background



This preview shows how the RYB color 204, 171, 114 looks on a white background.

Color Contrast Check

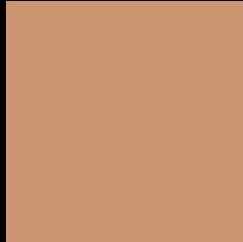
Large Text (above 18pt) WCAG AA × Fail

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 204, 171, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

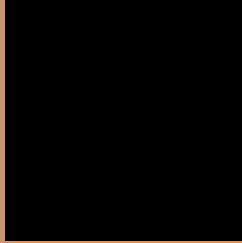
Any Text WCAG AA ✓ Pass

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 204, 171, 114 Background



This preview shows how black text looks on a background with the RYB color 204, 171, 114.



This preview shows how white text looks on a background with the RYB color 204, 171, 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
204, 171, 114

Protanopia
134, 173, 119

Deuteranopia
186, 192, 113



Tritanopia
208, 143, 154

Trichromacy



Original Color

204, 171, 114

Protanomaly

162, 184, 117

Deuteranomaly

196, 187, 113

Tritanomaly

207, 146, 139

Monochromacy



Original Color

204, 171, 114

Achromatopsia

161, 161, 161

Achromatomaly

177, 165, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 171, 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(204, 149, 114)` looks like.

```
.text, #text, p{  
    color:rgb(204, 149, 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(204, 149, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 149, 114) }
```

Border

The CSS property to change the border of an element to RYB 204, 171, 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(204, 149, 114) }
```

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

```
.border{ border-color:rgb(204, 149, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 149, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 149, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 149, 114);  
box-shadow:4px 4px 4px 4px rgb(204, 149,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 204, 149, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 149, 114) }
```

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

```
.background{ background-color: rgb(204,  
149, 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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