

Converting Colors

`RYB(199, 146, 114)`

Have a look what the booklet for
RYB(199, 146, 114) contains.

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Color

R_YB(199, 146, 114)

Conversions

Conversions Part 1

Format	Color
Hex	C78972
RGB	199, 137, 114
RGB Percent	78%, 54%, 45%
CMY	0.2196, 0.4618, 0.5529
CMYK	0.00, 0.31, 0.43, 0.22
HSL	16°, 43%, 61%
HSV	16°, 43%, 78%
XYZ	35.5714, 31.3189, 20.0899
YIQ	152.9160, 44.3350, 5.9910

Conversions

Conversions Part 2

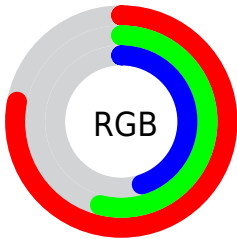
Format	Color
R_{YB}	199, 146, 114
Decimal	13076850
CIE _{Lab}	62.78, 20.77, 21.96
CIE _{LCh}	63, 30.228, 46.596
Yxy	31.3189, 0.4090, 0.3601
Android (android.graphics.Color)	4291266930 (0xFFC78972)
YUV	152.9160, -19.1856, 40.4157
Hunter-Lab	55.9633, 15.5224, 17.8901

Details

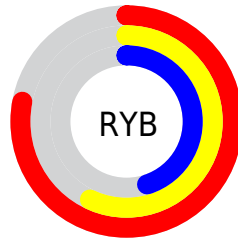
The RYB color **199, 146, 114** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **114, 150, 199**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **255, 201, 166**, and **143, 95, 66** is the 20% darker color. If you saturate the color by 10%, you get **199, 134, 94**, and if you desaturate by 10%, it is **199, 159, 134**.

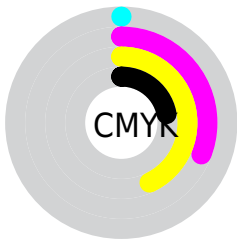
Distribution



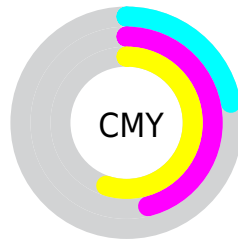
- Red (78%)
- Green (54%)
- Blue (45%)



- Red (78%)
- Yellow (57%)
- Blue (45%)



- Cyan (0%)
- Magenta (31%)
- Yellow (43%)
- Black (22%)



- Cyan (22%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 146, 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 199, 146, 114 by changing the saturation by 10% instead.

 199, 146, 114

255, 255, 255

 255, 201, 166

 255, 238, 193


 231, 255, 221

 250, 255, 250

 199, 146, 114

 199, 134, 94

 199, 146, 114

 171, 121, 89

 143, 95, 66

 116, 71, 43

 89, 49, 22

 64, 25, 0

 40, 0, 0

 0, 0, 0


 199, 146, 114

 199, 159, 134

 199, 121, 74

 199, 170, 154

 199, 109, 54

 199, 184, 174

 199, 96, 34

 199, 195, 194

 199, 84, 15

 199, 205, 214

 199, 74, 0

 199, 213, 233

 199, 222, 253

 199, 226, 255

 199, 227, 255

Harmonies

Analogous

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



205, 132, 138



199, 146, 114



162, 181, 100

Triad

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



199, 146, 114



93, 138, 166



138, 147, 203

Complementary

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



199, 146, 114



114, 150, 199

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, 136, 204



199, 146, 114



65, 116, 166

Square

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



199, 146, 114



114, 162, 151



63, 119, 190



174, 140, 189

Rectangle

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



199, 146, 114



113, 164, 98



63, 119, 190



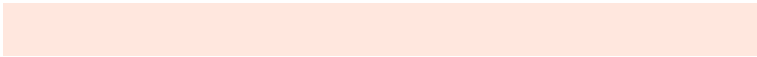
125, 145, 205

Sweetspot

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



199, 146, 114



255, 234, 222



199, 114, 176



128, 115, 107



0, 0, 0



128, 128, 128

Same Dimension

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



199, 146, 114



255, 175, 125



140, 199, 114



99, 93, 90



163, 62, 0



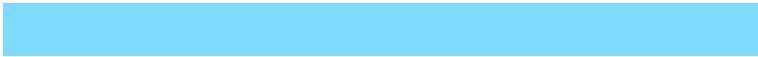
36, 14, 0

Inverse Universe

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



114, 150, 199



125, 180, 255



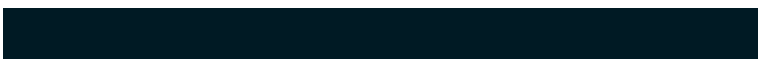
114, 130, 199



90, 94, 99



0, 69, 163



0, 15, 36

Previews

White Background



This preview shows how the RYB color 199, 146, 114 looks on a white background.

Color Contrast Check

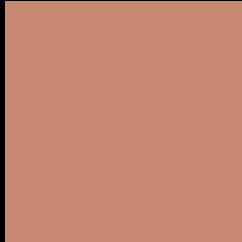
Large Text (above 18pt) WCAG AA × Fail

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 199, 146, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

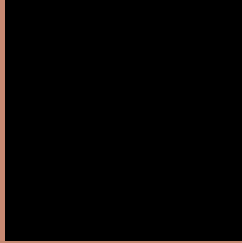
Any Text WCAG AA ✓ Pass

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 199, 146, 114 Background



This preview shows how black text looks on a background with the RYB color 199, 146, 114.



This preview shows how white text looks on a background with the RYB color 199, 146, 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
199, 146, 114

Protanopia
134, 162, 121

Deuteranopia
180, 180, 112



Tritanopia
202, 133, 143

Trichromacy



Original Color

199, 146, 114

Protanomaly

173, 175, 118

Deuteranomaly

187, 163, 113

Tritanomaly

201, 135, 132

Monochromacy



Original Color

199, 146, 114

Achromatopsia

153, 153, 153

Achromatomaly

170, 150, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 146, 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(199, 137, 114)` looks like.

```
.text, #text, p{  
    color:rgb(199, 137, 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(199, 137, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 137, 114) }
```

Border

The CSS property to change the border of an element to RYB 199, 146, 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(199, 137, 114) }
```

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

```
.border{ border-color:rgb(199, 137, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 137, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 137, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 137, 114);  
box-shadow:4px 4px 4px 4px rgb(199, 137,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 199, 146, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 137, 114) }
```

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

```
.background{ background-color: rgb(199,  
137, 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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