

Converting Colors

`RYB(193, 130, 116)`

Have a look what the booklet for
RYB(193, 130, 116) contains.

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Color

R_YB(193, 130, 116)

Conversions

Conversions Part 1

Format	Color
Hex	C18074
RGB	193, 128, 116
RGB Percent	76%, 50%, 45%
CMY	0.2431, 0.4986, 0.5451
CMYK	0.00, 0.34, 0.40, 0.24
HSL	9°, 38%, 61%
HSV	9°, 40%, 76%
XYZ	32.8438, 27.9966, 20.1958
YIQ	146.0670, 42.5920, 10.0480

Conversions

Conversions Part 2

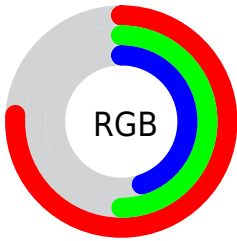
Format	Color
RYB	193, 130, 116
Decimal	12681332
CIELab	59.89, 23.77, 16.78
CIELCh	60, 29.097, 35.213
Yxy	27.9966, 0.4053, 0.3455
Android (android.graphics.Color)	4290871412 (0xFFC18074)
YUV	146.0670, -14.8230, 41.1602
Hunter-Lab	52.9119, 18.2040, 14.4080

Details

The RYB color **193, 130, 116** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **116, 151, 193**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **251, 183, 168**, and **137, 80, 68** is the 20% darker color. If you saturate the color by 10%, you get **193, 115, 97**, and if you desaturate by 10%, it is **193, 146, 135**.

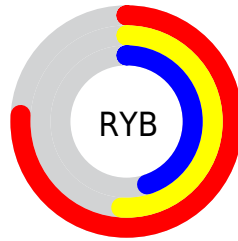
Distribution



Red (76%)

Green (50%)

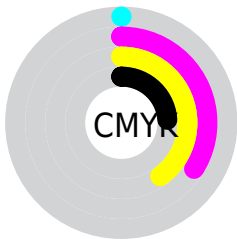
Blue (45%)



Red (76%)

Yellow (51%)

Blue (45%)

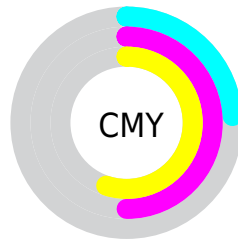


Cyan (0%)

Magenta (34%)

Yellow (40%)

Black (24%)



Cyan (24%)

Magenta (50%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 130, 116 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 193, 130, 116 by changing the saturation by 10% instead.

 193, 130, 116

255, 255, 255

 251, 183, 168

 255, 213, 195

 255, 248, 223

252, 255, 252


 193, 130, 116

 193, 115, 97

 193, 130, 116

 165, 104, 91

 137, 80, 68

 110, 55, 46

 84, 33, 25

 59, 11, 0

 37, 0, 1

 0, 0, 0

 193, 130, 116

 193, 146, 135

■ 193, 98, 77

■ 193, 162, 155

■ 193, 83, 58

■ 193, 178, 174

■ 193, 67, 39

■ 193, 193, 193

■ 193, 51, 20

■ 193, 202, 212

■ 193, 36, 0

■ 193, 211, 232

■ 193, 220, 251

■ 193, 224, 255

Harmonies

Analogous

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



194, 125, 141



193, 130, 116



180, 165, 98

Triad

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



193, 130, 116



100, 140, 156



116, 137, 195

Complementary

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



193, 130, 116



116, 151, 193

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.



77, 122, 190



193, 130, 116



70, 117, 158

Square

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



193, 130, 116



102, 152, 124



56, 110, 173



153, 136, 186

Rectangle

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



193, 130, 116



131, 166, 93



56, 110, 173



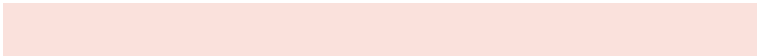
103, 133, 195

Sweetspot

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



193, 130, 116



250, 226, 220



193, 116, 181



125, 111, 107



252, 252, 252



125, 125, 125

Same Dimension

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



193, 130, 116



250, 151, 130



158, 193, 116



97, 90, 87



161, 30, 0



33, 6, 0

Inverse Universe

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



116, 151, 193



130, 185, 250



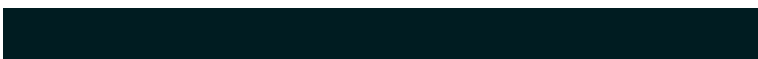
116, 136, 193



87, 91, 97



0, 74, 161



0, 15, 33

Previews

White Background



This preview shows how the RYB color 193, 130, 116 looks on a white background.

Color Contrast Check

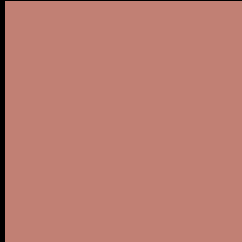
Large Text (above 18pt) WCAG AA ✓ Pass

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 193, 130, 116 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 193, 130, 116 Background



This preview shows how black text looks on a background with the RYB color 193, 130, 116.



This preview shows how white text looks on a background with the RYB color 193, 130, 116.

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
193, 130, 116

Protanopia
135, 152, 124

Deuteranopia
169, 160, 114



Tritanopia
195, 125, 135

Trichromacy



Original Color

193, 130, 116

Protanomaly

167, 148, 121

Deuteranomaly

178, 144, 115

Tritanomaly

194, 126, 128

Monochromacy



Original Color

193, 130, 116

Achromatopsia

146, 146, 146

Achromatomaly

163, 140, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 130, 116 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(193, 128, 116)` looks like.

```
.text, #text, p{  
    color:rgb(193, 128, 116)  
}
```

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(193, 128, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 128, 116) }
```

Border

The CSS property to change the border of an element to RYB 193, 130, 116 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(193, 128, 116) }
```

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

```
.border{ border-color:rgb(193, 128, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 128, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 128, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 128, 116);  
box-shadow:4px 4px 4px 4px rgb(193, 128,  
116) }
```

Background

The CSS property to change the background color of an element to RYB 193, 130, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 128, 116) }
```

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

```
.background{ background-color: rgb(193,  
128, 116) }
```

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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