

Converting Colors

`RYB(194, 143, 116)`

Have a look what the booklet for
RYB(194, 143, 116) contains.

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Color

$\text{RYB}(194, 143, 116)$

Conversions

Conversions Part 1

Format	Color
Hex	C28874
RGB	194, 136, 116
RGB Percent	76%, 53%, 45%
CMY	0.2392, 0.4664, 0.5451
CMYK	0.00, 0.30, 0.40, 0.24
HSL	15°, 39%, 61%
HSV	15°, 40%, 76%
XYZ	34.2127, 30.3547, 20.5788
YIQ	151.0620, 40.9880, 6.0760

Conversions

Conversions Part 2

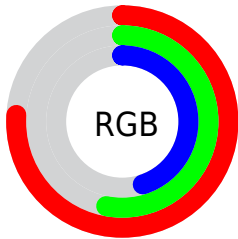
Format	Color
RYB	194, 143, 116
Decimal	12748916
CIELab	61.96, 19.64, 19.64
CIELCh	62, 27.776, 44.988
Yxy	30.3547, 0.4018, 0.3565
Android (android.graphics.Color)	4290938996 (0xFFC28874)
YUV	151.0620, -17.2856, 37.6566
Hunter-Lab	55.0951, 14.4277, 16.4209

Details

The RYB color **194, 143, 116** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **116, 149, 194**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **252, 198, 168**, and **138, 92, 68** is the 20% darker color. If you saturate the color by 10%, you get **194, 131, 97**, and if you desaturate by 10%, it is **194, 155, 135**.

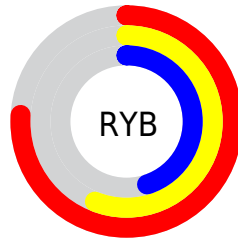
Distribution



Red (76%)

Green (53%)

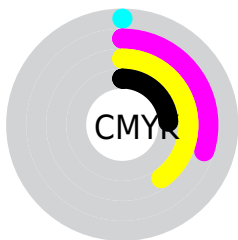
Blue (45%)



Red (76%)

Yellow (56%)

Blue (45%)

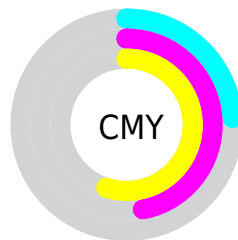


Cyan (0%)

Magenta (30%)

Yellow (40%)

Black (24%)



Cyan (24%)


Magenta (47%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 143, 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 194, 143, 116 by changing the saturation by 10% instead.

 194, 143, 116

255, 255, 255

 252, 198, 168

 255, 232, 195


 236, 255, 223

252, 255, 252

 194, 143, 116

 166, 118, 91

 138, 92, 68


 111, 68, 45


 85, 46, 24

 61, 26, 0


 37, 0, 0


 0, 0, 0

 194, 143, 116


 194, 131, 97

 194, 143, 116

 194, 155, 135

 194, 117, 77

 194, 168, 155

 194, 105, 58

 194, 181, 174

 194, 92, 38

 194, 194, 194

 194, 80, 19

 194, 202, 213

 194, 67, 0

 194, 210, 232

 194, 219, 252

 194, 223, 255

 194, 225, 255

Harmonies

Analogous

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



199, 132, 138



194, 143, 116



165, 178, 103

Triad

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



194, 143, 116



98, 138, 162



136, 146, 197

Complementary

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



194, 143, 116



116, 149, 194

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.



99, 135, 197



194, 143, 116



74, 119, 163

Square

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



194, 143, 116



114, 159, 146



72, 122, 184



168, 139, 185

Rectangle

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



194, 143, 116



118, 163, 100



72, 122, 184



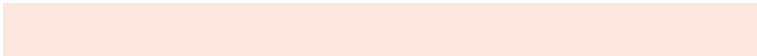
123, 143, 198

Sweetspot

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



194, 143, 116



252, 233, 222



194, 116, 175



128, 115, 110



0, 0, 0



128, 128, 128

Same Dimension

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



194, 143, 116



252, 173, 131



141, 194, 116



97, 91, 87



161, 55, 0



33, 12, 0

Inverse Universe

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



116, 149, 194



131, 183, 252



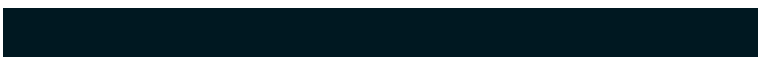
116, 131, 194



87, 91, 97



0, 68, 161



0, 14, 33

Previews

White Background



This preview shows how the RYB color 194, 143, 116 looks on a white background.

Color Contrast Check

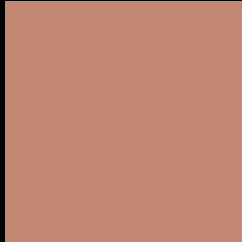
Large Text (above 18pt) WCAG AA × Fail

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 194, 143, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

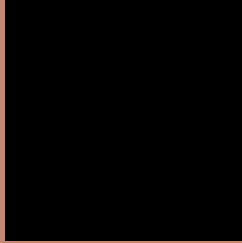
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 194, 143, 116 Background



This preview shows how black text looks on a background with the RYB color 194, 143, 116.

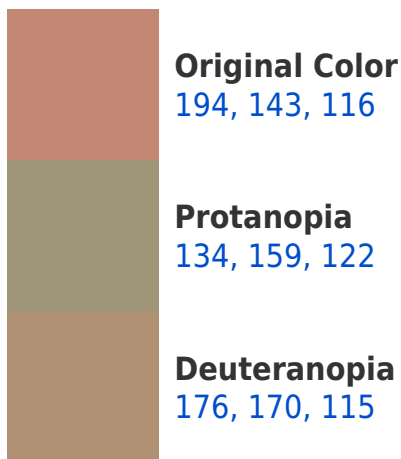



This preview shows how white text looks on a background with the RYB color 194, 143, 116.

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





Tritanopia
196, 132, 142

Trichromacy



Original Color
194, 143, 116

Protanomaly
172, 168, 120

Deuteranomaly
183, 157, 115

Tritanomaly
195, 133, 133

Monochromacy



Original Color
194, 143, 116

Achromatopsia
151, 151, 151

Achromatomaly
167, 149, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 143, 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(194, 136, 116)` looks like.

```
.text, #text, p{  
    color:rgb(194, 136, 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(194, 136, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 136, 116) }
```

Border

The CSS property to change the border of an element to RYB 194, 143, 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(194, 136, 116) }
```

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

```
.border{ border-color:rgb(194, 136, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 136, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 136, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 136, 116);  
box-shadow:4px 4px 4px 4px rgb(194, 136,  
116) }
```

Background

The CSS property to change the background color of an element to RYB 194, 143, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 136, 116) }
```

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

```
.background{ background-color: rgb(194,  
136, 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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