

Converting Colors

`RYB(191, 116, 114)`

Have a look what the booklet for
RYB(191, 116, 114) contains.

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Color

$\text{RYB}(191, 116, 114)$

Conversions

Conversions Part 1

Format	Color
Hex	BF7472
RGB	191, 116, 114
RGB Percent	75%, 45%, 45%
CMY	0.2510, 0.5453, 0.5529
CMYK	0.00, 0.39, 0.40, 0.25
HSL	2°, 38%, 60%
HSV	2°, 40%, 75%
XYZ	30.7627, 24.7704, 19.0794
YIQ	138.1970, 45.3420, 15.2780

Conversions

Conversions Part 2

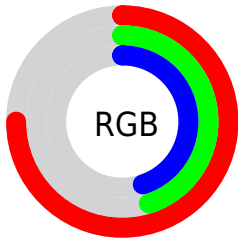
Format	Color
R_{YB}	191, 116, 114
Decimal	12547186
CIE _{Lab}	56.85, 29.28, 13.69
CIE _{LCh}	57, 32.322, 25.055
Yxy	24.7704, 0.4123, 0.3320
Android (android.graphics.Color)	4290737266 (0xFFBF7472)
YUV	138.1970, -11.9291, 46.3082
Hunter-Lab	49.7699, 23.2334, 12.1099

Details

The RYB color **191, 116, 114** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **114, 152, 191**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **249, 169, 166**, and **135, 66, 66** is the 20% darker color. If you saturate the color by 10%, you get **191, 97, 95**, and if you desaturate by 10%, it is **191, 135, 133**.

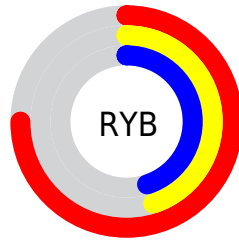
Distribution



Red (75%)

Green (45%)

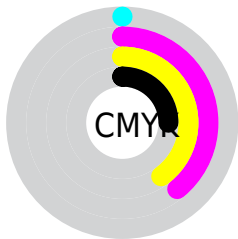
Blue (45%)



Red (75%)

Yellow (45%)

Blue (45%)

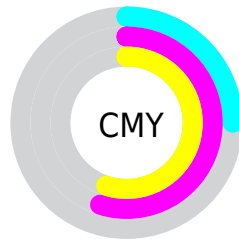


Cyan (0%)

Magenta (39%)

Yellow (40%)

Black (25%)



Cyan (25%)


Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 116, 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 191, 116, 114 by changing the saturation by 10% instead.

 191, 116, 114


255, 255, 255

 249, 169, 166

 255, 196, 193

 255, 226, 221


 252, 255, 249

 191, 116, 114

 163, 91, 90

 135, 66, 66

 108, 42, 44


 81, 19, 24


 56, 0, 0


 29, 0, 1

 0, 0, 0


 191, 116, 114


 191, 97, 95


 191, 116, 114


 191, 135, 133


 191, 79, 76


 191, 153, 152

 191, 60, 57

 191, 172, 171

 191, 41, 38

 191, 190, 190


 191, 23, 19

 191, 200, 210

 191, 5, 0

 191, 210, 229

 191, 219, 248

 191, 223, 255

Harmonies

Analogous

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



187, 115, 142



191, 116, 114



180, 141, 91

Triad

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



191, 116, 114



98, 143, 148



87, 123, 192

Complementary

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



191, 116, 114



114, 152, 191

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.



34, 98, 182



191, 116, 114



60, 111, 151

Square

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



191, 116, 114



84, 142, 95



15, 85, 159



133, 131, 187

Rectangle

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



191, 116, 114



148, 167, 82



15, 85, 159



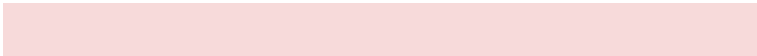
70, 115, 190

Sweetspot

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



191, 116, 114



247, 218, 218



191, 114, 190



125, 108, 107



252, 252, 252



125, 125, 125

Same Dimension

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



191, 116, 114



247, 132, 129



185, 191, 114



94, 85, 85



158, 4, 0



31, 1, 0

Inverse Universe

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



114, 152, 191



129, 187, 247



114, 139, 191



85, 90, 94



0, 78, 158



0, 15, 31

Previews

White Background



This preview shows how the RYB color 191, 116, 114 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 191, 116, 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 × Fail

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

RYB 191, 116, 114 Background



This preview shows how black text looks on a background with the RYB color 191, 116, 114.



This preview shows how white text looks on a background with the RYB color 191, 116, 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
191, 116, 114

Protanopia
133, 142, 124

Deuteranopia
159, 145, 111



Tritanopia
192, 115, 123

Trichromacy



Original Color

191, 116, 114

Protanomaly

160, 132, 120

Deuteranomaly

171, 130, 112

Tritanomaly

192, 115, 120

Monochromacy



Original Color

191, 116, 114

Achromatopsia

138, 138, 138

Achromatomaly

157, 130, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 116, 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(191, 116, 114)` looks like.

```
.text, #text, p{  
    color:rgb(191, 116, 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(191, 116, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 116, 114) }
```

Border

The CSS property to change the border of an element to RYB 191, 116, 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(191, 116, 114) }
```

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

```
.border{ border-color:rgb(191, 116, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 116, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 116, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 116, 114);  
box-shadow:4px 4px 4px 4px rgb(191, 116,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 191, 116, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 116, 114) }
```

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

```
.background{ background-color: rgb(191,  
116, 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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