

Converting Colors

`RYB(168, 110, 102)`

Have a look what the booklet for
RYB(168, 110, 102) contains.

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Color

`RYB(168, 110, 102)`

Conversions

Conversions Part 1

Format	Color
Hex	A86D66
RGB	168, 109, 102
RGB Percent	66%, 43%, 40%
CMY	0.3412, 0.5720, 0.6000
CMYK	0.00, 0.35, 0.39, 0.34
HSL	6°, 27%, 53%
HSV	6°, 39%, 66%
XYZ	24.0298, 20.2503, 15.2126
YIQ	125.8430, 37.4110, 10.3310

Conversions

Conversions Part 2

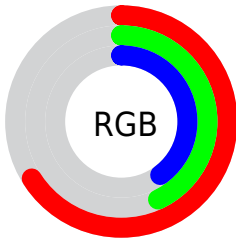
Format	Color
R_{YB}	168, 110, 102
Decimal	11038054
CIE Lab	52.12, 22.54, 13.67
CIE LCh	52, 26.363, 31.227
Yxy	20.2503, 0.4039, 0.3404
Android (android.graphics.Color)	4289228134 (0xFFA86D66)
YUV	125.8430, -11.7546, 36.9717
Hunter-Lab	45.0003, 16.5670, 11.4570

Details

The RYB color **168, 110, 102** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102, 133, 168**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **225, 162, 153**, and **114, 62, 55** is the 20% darker color. If you saturate the color by 10%, you get **168, 95, 85**, and if you desaturate by 10%, it is **168, 125, 119**.

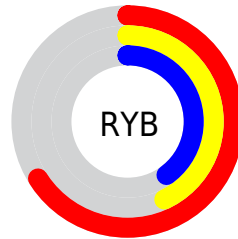
Distribution



Red (66%)

Green (43%)

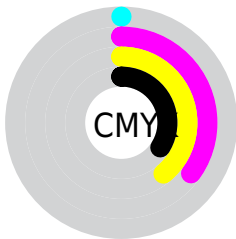
Blue (40%)



Red (66%)

Yellow (43%)

Blue (40%)

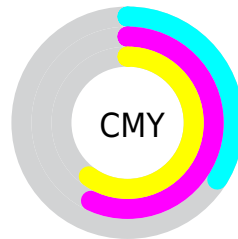


Cyan (0%)

Magenta (35%)

Yellow (39%)

Black (34%)



Cyan (34%)

Magenta (57%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the RYB color 168, 110, 102 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 168, 110, 102 by changing the saturation by 10% instead.

 168, 110, 102

 168, 110, 102

255, 255, 255

 141, 85, 78

 225, 162, 153

 114, 62, 55

 254, 189, 180

 88, 38, 34

 255, 218, 207

 62, 16, 12

 255, 253, 236


 40, 0, 0

 0, 0, 0


 168, 110, 102

 168, 110, 102

 168, 95, 85

 168, 125, 119


 168, 80, 68

 168, 139, 136


 168, 65, 52

 168, 154, 152

 168, 51, 35

 168, 169, 169


 168, 36, 18

 168, 176, 186

 168, 21, 1

 168, 184, 203

 168, 20, 0

 168, 192, 220

 168, 200, 236

 168, 208, 253

Harmonies

Analogous

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



167, 107, 124



168, 110, 102



158, 136, 85

Triad

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



168, 110, 102



88, 124, 135



95, 117, 169

Complementary

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



168, 110, 102



102, 133, 168

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.



61, 103, 163



168, 110, 102



62, 103, 137

Square

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



168, 110, 102



85, 130, 100



45, 93, 147



128, 118, 163

Rectangle

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



168, 110, 102



120, 146, 80



45, 93, 147



83, 112, 168

Sweetspot

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



168, 110, 102



219, 196, 193



168, 102, 161



110, 96, 94



237, 237, 237



110, 110, 110

Same Dimension

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



168, 110, 102



219, 128, 116



145, 168, 102



84, 77, 76



148, 18, 0



20, 2, 0

Inverse Universe

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



102, 133, 168



116, 165, 219



102, 121, 168



76, 80, 84



0, 70, 148



0, 9, 20

Previews

White Background



This preview shows how the RYB color 168, 110, 102 looks on a white background.

Color Contrast Check

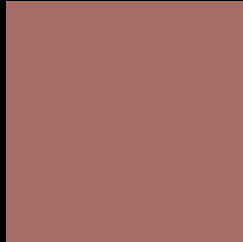
Large Text (above 18pt) WCAG AA ✓ Pass

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 168, 110, 102 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](#).

R Y B 168, 110, 102 Background



This preview shows how black text looks on a background with the RYB color 168, 110, 102.

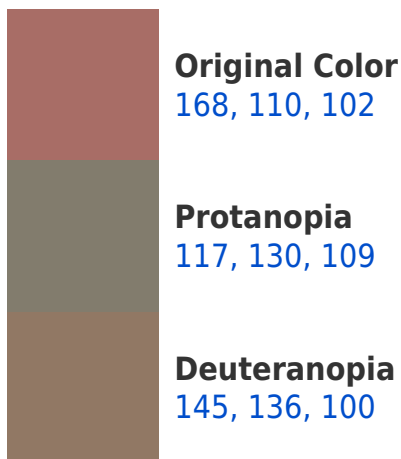



This preview shows how white text looks on a background with the RYB color 168, 110, 102.

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
169, 107, 115

Trichromacy



Original Color

168, 110, 102

Protanomaly

144, 126, 106

Deuteranomaly

153, 122, 101

Tritanomaly

169, 108, 110

Monochromacy



Original Color

168, 110, 102

Achromatopsia

126, 126, 126

Achromatomaly

141, 120, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 110, 102 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(168, 109, 102) looks like.

```
.text, #text, p{  
    color:rgb(168, 109, 102)  
}
```

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(168, 109, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 109, 102) }
```

Border

The CSS property to change the border of an element to RYB 168, 110, 102 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(168, 109, 102) }
```

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

```
.border{ border-color:rgb(168, 109, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 109, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 109, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 109, 102);  
box-shadow:4px 4px 4px 4px rgb(168, 109,  
102) }
```

Background

The CSS property to change the background color of an element to RYB 168, 110, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 109, 102) }
```

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

```
.background{ background-color: rgb(168,  
109, 102) }
```

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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