

Converting Colors

`RYB(140, 106, 102)`

Have a look what the booklet for
RYB(140, 106, 102) contains.

RYB(140, 106, 102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(140, 106, 102)`

Conversions

Conversions Part 1

Format	Color
Hex	8C6A66
RGB	140, 106, 102
RGB Percent	55%, 42%, 40%
CMY	0.4510, 0.5858, 0.6000
CMYK	0.00, 0.25, 0.27, 0.45
HSL	6°, 16%, 47%
HSV	6°, 27%, 55%
XYZ	18.3284, 16.7645, 14.8402
YIQ	115.7100, 21.5480, 5.9640

Conversions

Conversions Part 2

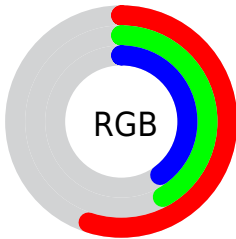
Format	Color
R_{YB}	140, 106, 102
Decimal	9202278
CIE _{Lab}	47.96, 13.17, 7.35
CIE _{LCh}	48, 15.083, 29.178
Yxy	16.7645, 0.3671, 0.3357
Android (android.graphics.Color)	4287392358 (0xFF8C6A66)
YUV	115.7100, -6.7590, 21.3023
Hunter-Lab	40.9444, 8.2509, 7.1716

Details

The RYB color **140, 106, 102** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102, 120, 140**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **194, 157, 153**, and **89, 60, 55** is the 20% darker color. If you saturate the color by 10%, you get **140, 94, 88**, and if you desaturate by 10%, it is **140, 118, 116**.

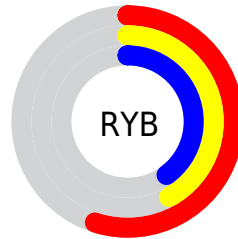
Distribution



Red (55%)

Green (42%)

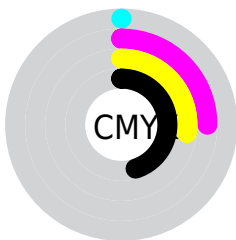
Blue (40%)



Red (55%)

Yellow (42%)

Blue (40%)

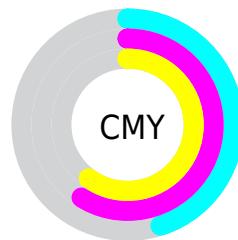


Cyan (0%)

Magenta (25%)

Yellow (27%)

Black (45%)



Cyan (45%)

Magenta (59%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the RYB color 140, 106, 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 140, 106, 102 by changing the saturation by 10% instead.

 140, 106, 102


255, 255, 255


 194, 157, 153

 222, 184, 180

 251, 213, 207

 255, 242, 235

 140, 106, 102

 114, 81, 78


 89, 58, 55

 65, 36, 34

 42, 17, 12


 11, 0, 0


 0, 0, 0


 140, 106, 102

 140, 94, 88


 140, 81, 74

 140, 106, 102


 140, 118, 116

 140, 131, 130


 140, 69, 60

 140, 142, 144


 140, 56, 46

 140, 148, 158


 140, 43, 32

 140, 155, 172


 140, 31, 18


 140, 162, 186

 140, 18, 4

 140, 168, 200

 140, 14, 0

 140, 175, 214

 140, 182, 228

Harmonies

Analogous

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



139, 105, 115



140, 106, 102



135, 120, 92

Triad

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



140, 106, 102



96, 117, 120



99, 110, 139

Complementary

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



140, 106, 102



102, 120, 140

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.



84, 105, 135



140, 106, 102



84, 105, 121

Square

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



140, 106, 102



91, 117, 98



79, 101, 126



116, 111, 136

Rectangle

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



140, 106, 102



119, 128, 89



79, 101, 126



93, 108, 138

Sweetspot

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



140, 106, 102



181, 168, 167



140, 102, 137



92, 83, 83



219, 219, 219



92, 92, 92

Same Dimension

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



140, 106, 102



181, 128, 121



130, 140, 102



69, 63, 62



133, 14, 0



5, 0, 0

Inverse Universe

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



102, 120, 140



121, 149, 181



102, 113, 140



62, 65, 69



0, 63, 133



0, 3, 5

Previews

White Background



This preview shows how the RYB color 140, 106, 102 looks on a white background.

Color Contrast Check

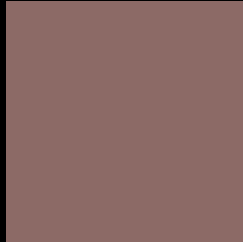
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 140, 106, 102 looks on a black 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

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

RYB 140, 106, 102 Background



This preview shows how black text looks on a background with the RYB color 140, 106, 102.



This preview shows how white text looks on a background with the RYB color 140, 106, 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



Original Color


[140](#), [106](#), [102](#)

Protanopia

[112](#), [118](#), [106](#)

Deuteranopia

[130](#), [114](#), [101](#)



Tritanopia
141, 104, 112

Trichromacy



Original Color

140, 106, 102

Protanomaly

126, 113, 105

Deuteranomaly

134, 110, 101

Tritanomaly

141, 105, 108

Monochromacy



Original Color

140, 106, 102

Achromatopsia

115, 115, 115

Achromatomaly

124, 112, 110

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 106, 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(140, 106, 102) looks like.

```
.text, #text, p{  
    color:rgb(140, 106, 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(140, 106, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 106, 102) }
```

Border

The CSS property to change the border of an element to RYB 140, 106, 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(140, 106, 102) }
```

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

```
.border{ border-color:rgb(140, 106, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 106, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 106, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 106, 102);  
box-shadow:4px 4px 4px 4px rgb(140, 106,  
102) }
```

Background

The CSS property to change the background color of an element to RYB 140, 106, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 106, 102) }
```

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

```
.background{ background-color: rgb(140,  
106, 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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