

Converting Colors

`RYB(150, 106, 108)`

Have a look what the booklet for
RYB(150, 106, 108) contains.

RYB(150, 106, 108)	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

R_YB(150, 106, 108)

Conversions

Conversions Part 1

Format	Color
Hex	966A6C
RGB	150, 106, 108
RGB Percent	59%, 42%, 42%
CMY	0.4118, 0.5843, 0.5765
CMYK	0.00, 0.29, 0.28, 0.41
HSL	357°, 17%, 50%
HSV	357°, 29%, 59%
XYZ	20.4385, 17.8748, 16.5603
YIQ	119.3840, 25.5820, 9.9500

Conversions

Conversions Part 2

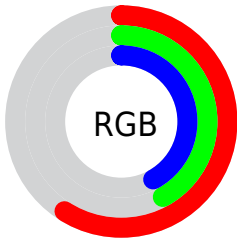
Format	Color
R_{YB}	150, 106, 108
Decimal	9857644
CIE Lab	49.34, 17.90, 5.90
CIE LCh	49, 18.847, 18.256
Yxy	17.8748, 0.3725, 0.3257
Android (android.graphics.Color)	4288047724 (0xFF966A6C)
YUV	119.3840, -5.6123, 26.8502
Hunter-Lab	42.2786, 12.3036, 6.3714

Details

The RYB color **150, 106, 108** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106, 129, 150**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **205, 158, 159**, and **98, 58, 61** is the 20% darker color. If you saturate the color by 10%, you get **150, 91, 94**, and if you desaturate by 10%, it is **150, 121, 122**.

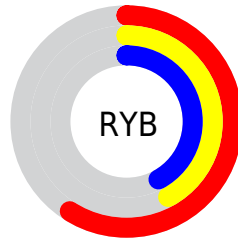
Distribution



Red (59%)

Green (42%)

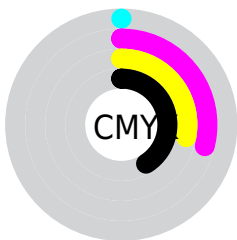
Blue (42%)



Red (59%)

Yellow (42%)

Blue (42%)

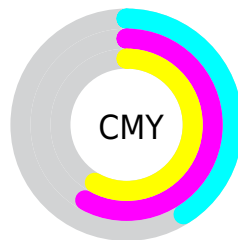


Cyan (0%)

Magenta (29%)

Yellow (28%)

Black (41%)



Cyan (41%)


Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 106, 108 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 150, 106, 108 by changing the saturation by 10% instead.

 150, 106, 108


255, 255, 255

 205, 158, 159

 234, 185, 186


 255, 212, 214

 255, 241, 242

 150, 106, 108

 150, 91, 94

 150, 76, 79

 150, 106, 108

 124, 82, 84


 98, 58, 61


 73, 36, 39


 49, 15, 19

 28, 0, 1

 0, 0, 0

 150, 106, 108


 150, 121, 122

 150, 136, 137


 150, 61, 65

 150, 151, 151


 150, 46, 51

 150, 158, 166


 150, 31, 36

 150, 166, 181


 150, 16, 22


 150, 174, 196

 150, 1, 8

 150, 181, 211

 150, 0, 7

 150, 189, 226

 150, 197, 241

Harmonies

Analogous

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



145, 106, 124



150, 106, 108



146, 115, 94

Triad

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



150, 106, 108



96, 123, 118



89, 110, 148

Complementary

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



150, 106, 108



106, 129, 150

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.



73, 102, 141



150, 106, 108



83, 109, 126

Square

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



150, 106, 108



87, 119, 87



72, 99, 127



111, 115, 147

Rectangle

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



150, 106, 108



139, 133, 88



72, 99, 127



83, 107, 147

Sweetspot

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



150, 106, 108



194, 176, 177



148, 106, 150



97, 86, 87



224, 224, 224



97, 97, 97

Same Dimension

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



150, 106, 108



194, 126, 129



150, 143, 106



74, 67, 67



138, 0, 6



10, 0, 0

Inverse Universe

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



150, 106, 108



194, 126, 129



106, 122, 150



74, 67, 67



138, 0, 6



10, 0, 0

Previews

White Background



This preview shows how the RYB color 150, 106, 108 looks on a white background.

Color Contrast Check

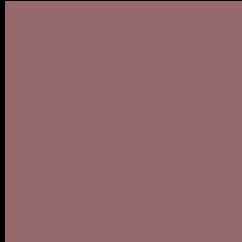
Large Text (above 18pt) WCAG AA ✓ Pass

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 150, 106, 108 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 150, 106, 108 Background



This preview shows how black text looks on a background with the RYB color 150, 106, 108.



This preview shows how white text looks on a background with the RYB color 150, 106, 108.

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
150, 106, 108

Protanopia
120, 120, 114

Deuteranopia
133, 115, 107



Tritanopia
151, 105, 113

Trichromacy



Original Color

150, 106, 108

Protanomaly

131, 113, 112

Deuteranomaly

139, 110, 107

Tritanomaly

151, 105, 111

Monochromacy



Original Color

150, 106, 108

Achromatopsia

119, 119, 119

Achromatomaly

130, 114, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 106, 108 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(150, 106, 108)` looks like.

```
.text, #text, p{  
    color:rgb(150, 106, 108)  
}
```

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(150, 106, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 106, 108) }
```

Border

The CSS property to change the border of an element to RYB 150, 106, 108 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(150, 106, 108) }
```

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

```
.border{ border-color:rgb(150, 106, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 106, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 106, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 106, 108); box-shadow:4px 4px 4px 4px rgb(150, 106, 108) }
```

Background

The CSS property to change the background color of an element to RYB 150, 106, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 106, 108) }
```

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

```
.background{ background-color: rgb(150,  
106, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor