

Converting Colors

`RYB(150, 110, 138)`

Have a look what the booklet for
RYB(150, 110, 138) contains.

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Color

R_YB(150, 110, 138)

Conversions

Conversions Part 1

Format	Color
Hex	966E8A
RGB	150, 110, 138
RGB Percent	59%, 43%, 54%
CMY	0.4118, 0.5686, 0.4588
CMYK	0.00, 0.27, 0.08, 0.41
HSL	318°, 16%, 51%
HSV	318°, 27%, 59%
XYZ	22.7411, 19.4709, 26.6044
YIQ	125.1520, 14.8520, 17.1880

Conversions

Conversions Part 2

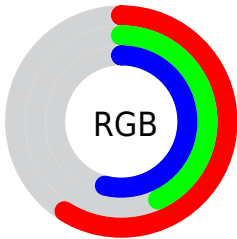
Format	Color
R_{YB}	150, 110, 138
Decimal	9858698
CIE _{Lab}	51.23, 20.60, -9.11
CIE _{LCh}	51, 22.530, 336.138
Yxy	19.4709, 0.3305, 0.2829
Android (android.graphics.Color)	4288048778 (0xFF966E8A)
YUV	125.1520, 6.3341, 21.7917
Hunter-Lab	44.1258, 14.7731, -4.8592

Details

The RYB color **150, 110, 138** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **110, 141, 150**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **205, 162, 191**, and **99, 62, 88** is the 20% darker color. If you saturate the color by 10%, you get **150, 95, 134**, and if you desaturate by 10%, it is **150, 125, 143**.

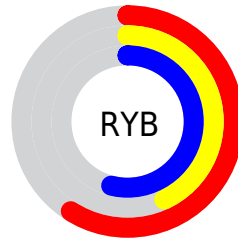
Distribution



Red (59%)

Green (43%)

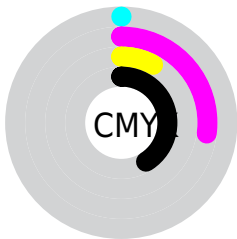
Blue (54%)



Red (59%)

Yellow (43%)

Blue (54%)

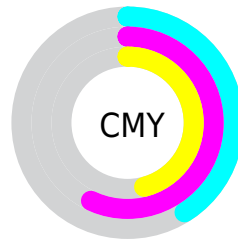


Cyan (0%)

Magenta (27%)

Yellow (8%)

Black (41%)



Cyan (41%)

Magenta (57%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 110, 138 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, 110, 138 by changing the saturation by 10% instead.

■ 150, 110, 138

255, 255, 255

■ 205, 162, 191

■ 233, 189, 219

■ 255, 217, 248

■ 255, 246, 255

■ 150, 110, 138

■ 150, 95, 134

■ 150, 80, 129

■ 150, 110, 138

■ 124, 85, 113

■ 99, 62, 88

■ 74, 39, 65

■ 51, 18, 43

■ 32, 0, 23

■ 0, 0, 0

■ 150, 110, 138

■ 150, 125, 143

■ 150, 140, 147

■ 150, 65, 125

■ 150, 154, 155

■ 150, 50, 120

■ 150, 165, 170

■ 150, 35, 116

■ 150, 177, 185

■ 150, 20, 111

■ 150, 188, 200

■ 150, 5, 107

■ 150, 200, 215

■ 150, 0, 105

■ 150, 212, 230

■ 150, 223, 245

Harmonies

Analogous

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



130, 116, 153



150, 110, 138



160, 108, 119

Triad

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



150, 110, 138



97, 132, 84



62, 100, 144

Complementary

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



150, 110, 138



110, 141, 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.



69, 103, 133



150, 110, 138



91, 128, 108

Square

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



150, 110, 138



149, 141, 87



88, 118, 131



76, 108, 157

Rectangle

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



150, 110, 138



161, 109, 106



88, 118, 131



62, 98, 138

Sweetspot

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



150, 110, 138



194, 178, 189



122, 110, 150



97, 87, 94



224, 224, 224



97, 97, 97

Same Dimension

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



150, 110, 138



194, 132, 175



150, 110, 118



74, 67, 72



138, 0, 96



10, 0, 7

Inverse Universe

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



150, 110, 138



194, 132, 175



110, 132, 150



74, 67, 72



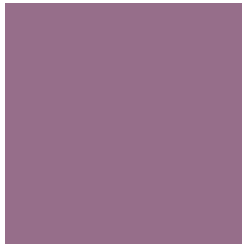
138, 0, 96



10, 0, 7

Previews

White Background



This preview shows how the RYB color 150, 110, 138 looks on a white background.

Color Contrast Check

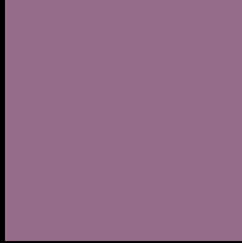
Large Text (above 18pt) WCAG AA ✓ Pass

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 150, 110, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

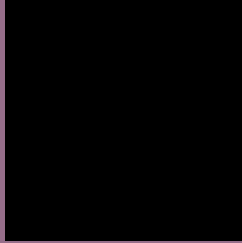
Any Text WCAG AA ✓ Pass

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, 110, 138 Background



This preview shows how black text looks on a background with the RYB color 150, 110, 138.



This preview shows how white text looks on a background with the RYB color 150, 110, 138.

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, 110, 138

Protanopia
117, 121, 145

Deuteranopia
128, 119, 136



Tritanopia
148, 113, 122

Trichromacy



Original Color
150, 110, 138

Protanomaly
129, 117, 142

Deuteranomaly
136, 116, 137

Tritanomaly
149, 112, 128

Monochromacy



Original Color
150, 110, 138

Achromatopsia
125, 125, 125

Achromatomaly
134, 120, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 110, 138 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, 110, 138) looks like.

```
.text, #text, p{  
    color:rgb(150, 110, 138)  
}
```

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, 110, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 110, 138) }
```

Border

The CSS property to change the border of an element to RYB 150, 110, 138 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, 110, 138) }
```

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

```
.border{ border-color:rgb(150, 110, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 110, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 110, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 110, 138);  
box-shadow:4px 4px 4px 4px rgb(150, 110,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 150, 110, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 110, 138) }
```

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

```
.background{ background-color: rgb(150,  
110, 138) }
```

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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