

Converting Colors

`RYB(134, 97, 118)`

Have a look what the booklet for
RYB(134, 97, 118) contains.

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Color

R_YB(134, 97, 118)

Conversions

Conversions Part 1

Format	Color
Hex	866176
RGB	134, 97, 118
RGB Percent	53%, 38%, 46%
CMY	0.4745, 0.6196, 0.5373
CMYK	0.00, 0.28, 0.12, 0.47
HSL	326°, 16%, 45%
HSV	326°, 28%, 53%
XYZ	17.3762, 14.9257, 19.1047
YIQ	110.4570, 15.3110, 14.3750

Conversions

Conversions Part 2

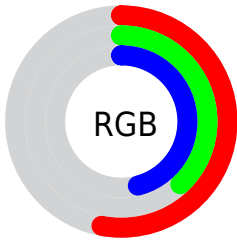
Format	Color
R_{YB}	134, 97, 118
Decimal	8806774
CIE _{Lab}	45.53, 18.55, -5.88
CIE _{LCh}	46, 19.459, 342.422
Yxy	14.9257, 0.3380, 0.2903
Android (android.graphics.Color)	4286996854 (0xFF866176)
YUV	110.4570, 3.7187, 20.6472
Hunter-Lab	38.6338, 12.6742, -2.2756

Details

The RYB color **134, 97, 118** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **97, 123, 134**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **188, 148, 170**, and **84, 50, 70** is the 20% darker color. If you saturate the color by 10%, you get **134, 84, 112**, and if you desaturate by 10%, it is **134, 110, 124**.

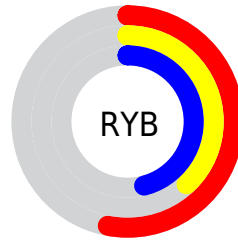
Distribution



Red (53%)

Green (38%)

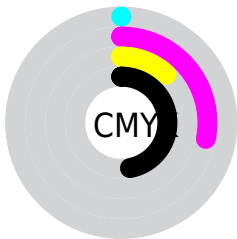
Blue (46%)



Red (53%)

Yellow (38%)

Blue (46%)

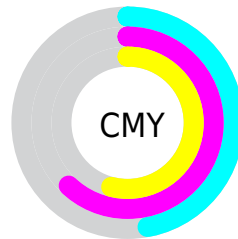


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (47%)



Cyan (47%)













Magenta (62%)









Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 97, 118 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 134, 97, 118 by changing the saturation by 10% instead.

 134, 97, 118	 134, 97, 118
 255, 255, 255	 108, 73, 93
 188, 148, 170	 84, 50, 70
 216, 175, 197	 60, 28, 47
 244, 202, 225	 38, 6, 27
 255, 230, 254	 0, 0, 0

 134, 97, 118	 134, 97, 118
 134, 84, 112	 134, 110, 124
 134, 70, 106	 134, 124, 130
 134, 57, 101	 134, 136, 137

■ 134, 43, 95

■ 134, 146, 151

■ 134, 30, 89

■ 134, 155, 164

■ 134, 17, 83

■ 134, 164, 177

■ 134, 3, 77

■ 134, 174, 191

■ 134, 0, 76

■ 134, 183, 204

■ 134, 193, 218

Harmonies

Analogous

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



119, 101, 132



134, 97, 118



141, 96, 102

Triad

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



134, 97, 118



80, 113, 76



60, 91, 129

Complementary

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



134, 97, 118



97, 123, 134

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, 90, 117



134, 97, 118



83, 113, 102

Square

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



134, 97, 118



126, 128, 77



76, 102, 116



74, 98, 138

Rectangle

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



134, 97, 118



140, 98, 91



76, 102, 116



58, 89, 125

Sweetspot

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



134, 97, 118



173, 160, 167



112, 97, 134



87, 78, 83



214, 214, 214



87, 87, 87

Same Dimension

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



134, 97, 118



173, 116, 149



134, 97, 100



66, 60, 63



130, 0, 74



3, 0, 1

Inverse Universe

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



134, 97, 118



173, 116, 149



97, 116, 134



66, 60, 63



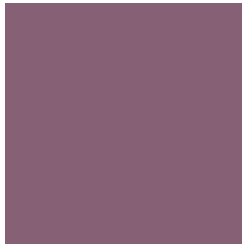
130, 0, 74



3, 0, 1

Previews

White Background



This preview shows how the RYB color 134, 97, 118 looks on a white background.

Color Contrast Check

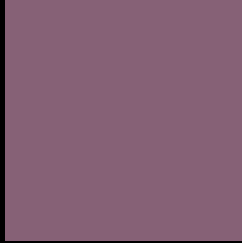
Large Text (above 18pt) WCAG AA ✓ Pass

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 134, 97, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

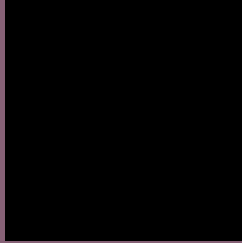
Any Text WCAG AA × Fail

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 134, 97, 118 Background



This preview shows how black text looks on a background with the RYB color 134, 97, 118.



This preview shows how white text looks on a background with the RYB color 134, 97, 118.

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
[134, 97, 118](#)

Protanopia
[105, 107, 125](#)

Deuteranopia
[115, 105, 117](#)



Tritanopia
133, 99, 107

Trichromacy



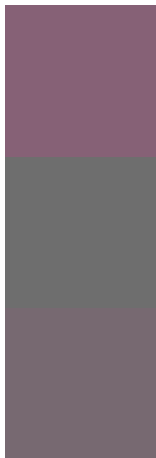
Original Color
134, 97, 118

Protanomaly
116, 103, 122

Deuteranomaly
122, 102, 117

Tritanomaly
133, 98, 111

Monochromacy



Original Color
134, 97, 118

Achromatopsia
110, 110, 110

Achromatomaly
119, 105, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 97, 118 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(134, 97, 118)` looks like.

```
.text, #text, p{  
    color:rgb(134, 97, 118)  
}
```

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(134, 97, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 97, 118) }
```

Border

The CSS property to change the border of an element to RYB 134, 97, 118 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(134, 97, 118) }
```

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

```
.border{ border-color:rgb(134, 97, 118) }
```

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

Here you see how a box with a 4 pixel rgb(134, 97, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 97, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 97, 118);  
box-shadow:4px 4px 4px 4px rgb(134, 97,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 134, 97, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 97, 118) }
```

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

```
.background{ background-color: rgb(134, 97,  
118) }
```

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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