

Converting Colors

`RYB(118, 105, 126)`

Have a look what the booklet for
RYB(118, 105, 126) contains.

RYB(118, 105, 126)	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(118, 105, 126)

Conversions

Conversions Part 1

Format	Color
Hex	76697E
RGB	118, 105, 126
RGB Percent	46%, 41%, 49%
CMY	0.5373, 0.5882, 0.5059
CMYK	0.06, 0.17, 0.00, 0.51
HSL	277°, 9%, 45%
HSV	277°, 17%, 49%
XYZ	16.2887, 15.4611, 21.8644
YIQ	111.2810, 1.0070, 9.2870

Conversions

Conversions Part 2

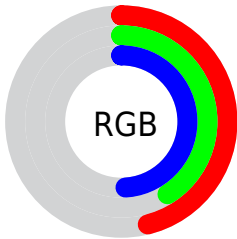
Format	Color
R_{YB}	118, 105, 126
Decimal	7760254
CIE Lab	46.26, 9.37, -9.77
CIE LCh	46, 13.539, 313.786
Yxy	15.4611, 0.3038, 0.2884
Android (android.graphics.Color)	4285950334 (0xFF76697E)
YUV	111.2810, 7.2565, 5.8926
Hunter-Lab	39.3206, 5.1333, -5.4442

Details

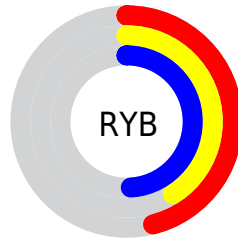
The RYB color **118, 105, 126** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **105, 126, 118**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **170, 156, 179**, and **70, 58, 77** is the 20% darker color. If you saturate the color by 10%, you get **113, 92, 126**, and if you desaturate by 10%, it is **123, 118, 126**.

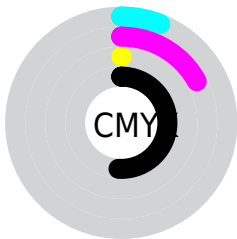
Distribution



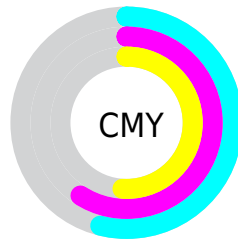
- Red (46%)
- Green (41%)
- Blue (49%)



- Red (46%)
- Yellow (41%)
- Blue (49%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (51%)



- Cyan (54%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 105, 126 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 118, 105, 126 by changing the saturation by 10% instead.

■ 118, 105, 126

255, 255, 255

■ 170, 156, 179

■ 198, 183, 206

■ 226, 211, 234

■ 254, 239, 255

■ 118, 105, 126

■ 93, 81, 101

■ 70, 58, 77

■ 47, 36, 54

■ 26, 16, 33

■ 0, 0, 8

■ 0, 0, 0

■ 118, 105, 126

■ 113, 92, 126

■ 108, 80, 126

■ 118, 105, 126

■ 123, 118, 126

■ 126, 130, 128

104, 67, 126

126, 143, 137

99, 55, 126

126, 155, 144

94, 42, 126

126, 168, 152

89, 29, 126

126, 181, 160

84, 17, 126

126, 193, 167

80, 4, 126

126, 206, 176

78, 0, 126

126, 218, 183

Harmonies

Analogous

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



104, 108, 131



118, 105, 126



129, 102, 116

Triad

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



118, 105, 126



120, 124, 88



80, 98, 116

Complementary

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



118, 105, 126



105, 126, 118

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.



88, 106, 116



118, 105, 126



91, 113, 88

Square

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



118, 105, 126



131, 106, 94



93, 114, 107



80, 100, 125

Rectangle

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



118, 105, 126



132, 102, 109



93, 114, 107



82, 100, 116

Sweetspot

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



118, 105, 126



160, 155, 163



105, 111, 126



80, 77, 82



209, 209, 209



82, 82, 82

Same Dimension

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



118, 105, 126



151, 131, 163



126, 105, 124



61, 57, 64



79, 0, 128



0, 0, 0

Inverse Universe

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



126, 105, 113



163, 131, 143



105, 124, 126



64, 57, 60



128, 0, 49



0, 0, 0

Previews

White Background



This preview shows how the RYB color 118, 105, 126 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 118, 105, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

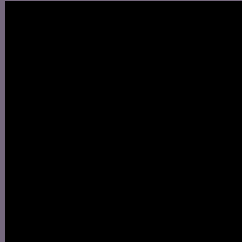
Any Text WCAG AA × Fail

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](#).

R/Y/B 118, 105, 126 Background



This preview shows how black text looks on a background with the R/Y/B color 118, 105, 126.



This preview shows how white text looks on a background with the R/Y/B color 118, 105, 126.

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
118, 105, 126

Protanopia
106, 109, 128

Deuteranopia
113, 107, 126



Tritanopia
116, 107, 115

Trichromacy



Original Color

118, 105, 126

Protanomaly

110, 108, 127

Deuteranomaly

115, 106, 126

Tritanomaly

117, 106, 119

Monochromacy



Original Color

118, 105, 126

Achromatopsia

111, 111, 111

Achromatomaly

114, 109, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 118, 105, 126 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(118, 105, 126) looks like.

```
.text, #text, p{  
    color:rgb(118, 105, 126)  
}
```

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(118, 105, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 105, 126) }
```

Border

The CSS property to change the border of an element to RYB 118, 105, 126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

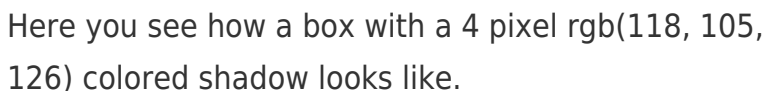
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 105, 126) }
```

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

```
.border{ border-color:rgb(118, 105, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 105, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 105, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 105, 126);  
box-shadow:4px 4px 4px 4px rgb(118, 105,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 118, 105, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 105, 126) }
```

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

```
.background{ background-color: rgb(118,  
105, 126) }
```

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