

Converting Colors

`RYB(115, 111, 126)`

Have a look what the booklet for
RYB(115, 111, 126) contains.

RYB(115, 111, 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(115, 111, 126)

Conversions

Conversions Part 1

Format	Color
Hex	736F7E
RGB	115, 111, 126
RGB Percent	45%, 44%, 49%
CMY	0.5490, 0.5647, 0.5059
CMYK	0.09, 0.12, 0.00, 0.51
HSL	256°, 6%, 46%
HSV	256°, 12%, 49%
XYZ	16.5206, 16.5201, 22.0566
YIQ	113.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

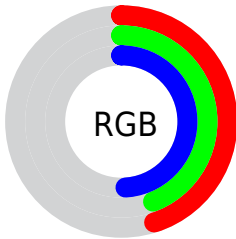
Format	Color
R_{YB}	115, 111, 126
Decimal	7565182
CIE Lab	47.65, 4.69, -7.72
CIE LCh	48, 9.031, 301.270
Yxy	16.5201, 0.2998, 0.2998
Android (android.graphics.Color)	4285755262 (0xFF736F7E)
YUV	113.9060, 5.9623, 0.9594
Hunter-Lab	40.6449, 1.4247, -3.7233

Details

The RYB color **115, 111, 126** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **111, 126, 115**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **167, 163, 179**, and **67, 63, 77** is the 20% darker color. If you saturate the color by 10%, you get **106, 98, 126**, and if you desaturate by 10%, it is **124, 124, 126**.

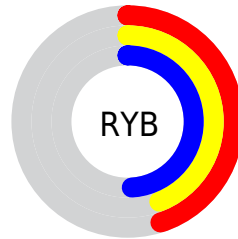
Distribution



Red (45%)

Green (44%)

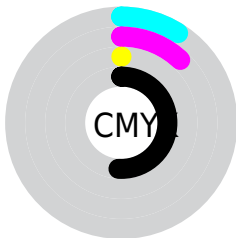
Blue (49%)



Red (45%)

Yellow (44%)

Blue (49%)

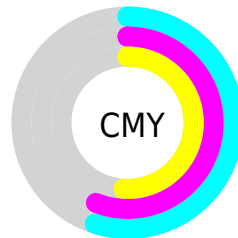


Cyan (9%)

Magenta (12%)

Yellow (0%)

Black (51%)



Cyan (55%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 111, 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 115, 111, 126 by changing the saturation by 10% instead.

■ 115, 111, 126

255, 255, 255

■ 167, 163, 179

■ 194, 190, 206

■ 222, 217, 234

■ 251, 246, 255

■ 115, 111, 126

■ 90, 87, 101

■ 67, 63, 77

■ 45, 42, 54

■ 24, 21, 33

■ 0, 0, 9

■ 0, 0, 0

■ 115, 111, 126

■ 106, 98, 126

■ 97, 86, 126

■ 115, 111, 126

■ 124, 124, 126

■ 126, 136, 129

87, 73, 126

126, 149, 132

78, 61, 126

126, 161, 135

69, 48, 126

126, 174, 139

60, 35, 126

126, 187, 143

50, 23, 126

126, 199, 145

41, 10, 126

126, 212, 149

34, 0, 126

126, 224, 152

Harmonies

Analogous

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



105, 111, 128



115, 111, 126



123, 109, 120

Triad

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



115, 111, 126



126, 116, 100



96, 108, 118

Complementary

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



115, 111, 126



111, 126, 115

Split Complementary

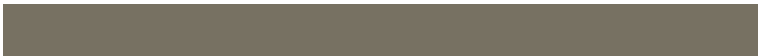
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102, 114, 117



115, 111, 126



106, 119, 98

Square

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



115, 111, 126



129, 108, 105



100, 115, 105



94, 106, 121

Rectangle

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



115, 111, 126



127, 108, 116



100, 115, 105



97, 109, 117

Sweetspot

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



115, 111, 126



158, 157, 163



111, 117, 126



79, 78, 82



209, 209, 209



82, 82, 82

Same Dimension

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



115, 111, 126



146, 140, 163



123, 111, 126



59, 57, 64



34, 0, 128



0, 0, 0

Inverse Universe

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



126, 111, 122



163, 140, 157



111, 126, 122



64, 57, 62



128, 0, 94



0, 0, 0

Previews

White Background



This preview shows how the RYB color 115, 111, 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 115, 111, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

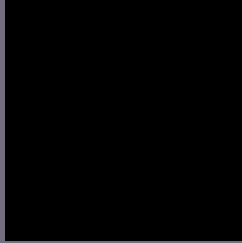
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

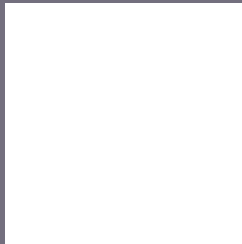
Any Text WCAG AAA × Fail

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

R Y B 115, 111, 126 Background



This preview shows how black text looks on a background with the R Y B color 115, 111, 126.



This preview shows how white text looks on a background with the R Y B color 115, 111, 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

[115](#), [111](#), [126](#)

Protanopia

[111](#), [112](#), [127](#)

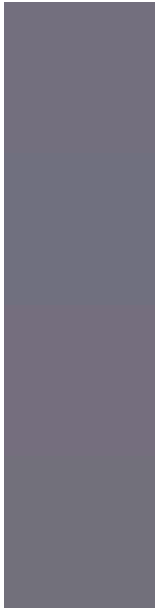
Deuteranopia

[118](#), [110](#), [126](#)



Tritanopia
114, 112, 121

Trichromacy



Original Color

115, 111, 126

Protanomaly

112, 112, 127

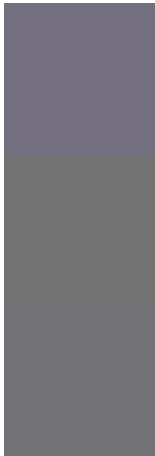
Deuteranomaly

117, 110, 126

Tritanomaly

114, 112, 123

Monochromacy



Original Color

115, 111, 126

Achromatopsia

114, 114, 114

Achromatomaly

114, 113, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 111, 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(115, 111, 126) looks like.

```
.text, #text, p{  
    color:rgb(115, 111, 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(115, 111, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 111, 126) }
```

Border

The CSS property to change the border of an element to RYB 115, 111, 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(115, 111, 126) }
```

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

```
.border{ border-color:rgb(115, 111, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 111, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 111, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 111, 126);  
box-shadow:4px 4px 4px 4px rgb(115, 111,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 115, 111, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 111, 126) }
```

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

```
.background{ background-color: rgb(115,  
111, 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