

Converting Colors

`RYB(111, 82, 113)`

Have a look what the booklet for
RYB(111, 82, 113) contains.

RYB(111, 82, 113)	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(111, 82, 113)

Conversions

Conversions Part 1

Format	Color
Hex	6F5271
RGB	111, 82, 113
RGB Percent	44%, 32%, 44%
CMY	0.5647, 0.6784, 0.5569
CMYK	0.02, 0.27, 0.00, 0.56
HSL	296°, 16%, 38%
HSV	296°, 27%, 44%
XYZ	12.5535, 10.6063, 17.0084
YIQ	94.2050, 7.3330, 15.7890

Conversions

Conversions Part 2

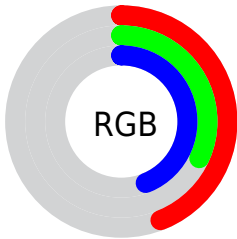
Format	Color
R_{YB}	111, 82, 113
Decimal	7295601
CIE _{Lab}	38.91, 17.95, -13.04
CIE _{LCh}	39, 22.189, 324.006
Yxy	10.6063, 0.3125, 0.2640
Android (android.graphics.Color)	4285485681 (0xFF6F5271)
YUV	94.2050, 9.2659, 14.7292
Hunter-Lab	32.5674, 11.8119, -8.1671

Details

The RYB color **111, 82, 113** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **82, 113, 111**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **163, 132, 165**, and **63, 37, 65** is the 20% darker color. If you saturate the color by 10%, you get **110, 71, 113**, and if you desaturate by 10%, it is **112, 93, 113**.

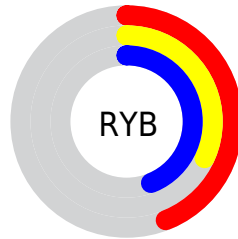
Distribution



Red (44%)

Green (32%)

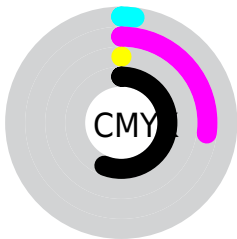
Blue (44%)



Red (44%)

Yellow (32%)

Blue (44%)

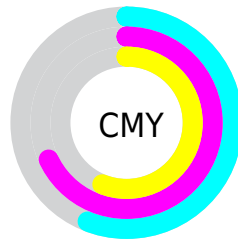


Cyan (2%)

Magenta (27%)

Yellow (0%)

Black (56%)



Cyan (56%)

Magenta (68%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 82, 113 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 111, 82, 113 by changing the saturation by 10% instead.



111, 82, 113



111, 82, 113

255, 255, 255



86, 59, 88



163, 132, 165



63, 37, 65



190, 158, 192



40, 16, 43



218, 185, 220



19, 0, 23



247, 213, 248



0, 0, 0



255, 241, 255



111, 82, 113



111, 82, 113



110, 71, 113



112, 93, 113



110, 59, 113



112, 105, 113

■ 109, 48, 113

■ 113, 116, 116

■ 108, 37, 113

■ 113, 127, 126

■ 107, 26, 113

■ 113, 139, 137

■ 107, 14, 113

■ 113, 150, 148

■ 106, 3, 113

■ 113, 161, 158

■ 106, 0, 113

■ 113, 172, 168

■ 113, 184, 179

Harmonies

Analogous

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



89, 88, 124



111, 82, 113



124, 78, 96

Triad

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



111, 82, 113



84, 107, 56



27, 65, 106

Complementary

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



111, 82, 113



82, 113, 111

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.



46, 78, 101



111, 82, 113



58, 95, 64

Square

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



111, 82, 113



121, 94, 63



68, 97, 99



34, 71, 120

Rectangle

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



111, 82, 113



127, 78, 84



68, 97, 99



32, 67, 101

Sweetspot

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



111, 82, 113



147, 136, 148



82, 84, 113



73, 67, 74



201, 201, 201



74, 74, 74

Same Dimension

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



111, 82, 113



145, 99, 148



113, 82, 100



56, 50, 56



112, 0, 120



231, 0, 247

Inverse Universe

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



113, 82, 84



148, 99, 102



82, 104, 113



56, 50, 51



120, 0, 8



247, 0, 16

Previews

White Background



This preview shows how the RYB color 111, 82, 113 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 111, 82, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

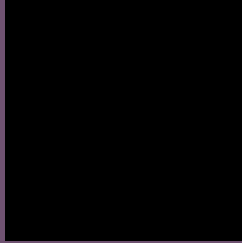
Any Text WCAG AA × Fail

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 111, 82, 113 Background



This preview shows how black text looks on a background with the R Y B color 111, 82, 113.



This preview shows how white text looks on a background with the R Y B color 111, 82, 113.

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

111, 82, 113

Protanopia

84, 90, 119

Deuteranopia

91, 90, 112



Tritanopia
108, 86, 93

Trichromacy



Original Color

111, 82, 113

Protanomaly

94, 88, 117

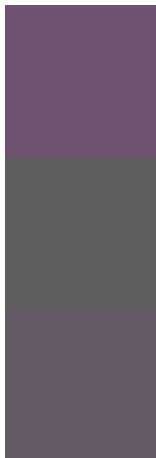
Deuteranomaly

98, 87, 112

Tritanomaly

109, 85, 100

Monochromacy



Original Color

111, 82, 113

Achromatopsia

94, 94, 94

Achromatomaly

100, 90, 101

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 82, 113 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(111, 82, 113)` looks like.

```
.text, #text, p{  
    color:rgb(111, 82, 113)  
}
```

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(111, 82, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 82, 113) }
```

Border

The CSS property to change the border of an element to RYB 111, 82, 113 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(111, 82, 113) }
```

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

```
.border{ border-color:rgb(111, 82, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 82, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 82, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 82, 113);  
box-shadow:4px 4px 4px 4px rgb(111, 82,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 111, 82, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 82, 113) }
```

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

```
.background{ background-color: rgb(111, 82,  
113) }
```

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