

Converting Colors

`RYB(111, 96, 129)`

Have a look what the booklet for
RYB(111, 96, 129) contains.

RYB(111, 96, 129)	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

`RYB(111, 96, 129)`

Conversions

Conversions Part 1

Format	Color
Hex	6F6081
RGB	111, 96, 129
RGB Percent	44%, 38%, 51%
CMY	0.5647, 0.6235, 0.4941
CMYK	0.14, 0.26, 0.00, 0.49
HSL	267°, 15%, 44%
HSV	267°, 26%, 51%
XYZ	14.7009, 13.3302, 22.5671
YIQ	104.2470, -1.6530, 13.4430

Conversions

Conversions Part 2

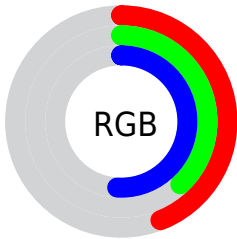
Format	Color
R_{YB}	111, 96, 129
Decimal	7299201
CIE _{Lab}	43.26, 12.98, -16.19
CIE _{LCh}	43, 20.751, 308.709
Yxy	13.3302, 0.2905, 0.2635
Android (android.graphics.Color)	4285489281 (0xFF6F6081)
YUV	104.2470, 12.2032, 5.9224
Hunter-Lab	36.5106, 7.9789, -11.0895

Details

The RYB color **111, 96, 129** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **96, 129, 111**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **163, 147, 182**, and **63, 50, 80** is the 20% darker color. If you saturate the color by 10%, you get **104, 83, 129**, and if you desaturate by 10%, it is **118, 109, 129**.

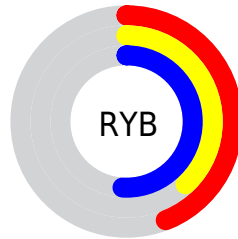
Distribution



Red (44%)

Green (38%)

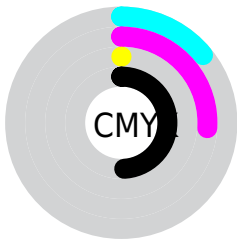
Blue (51%)



Red (44%)

Yellow (38%)

Blue (51%)

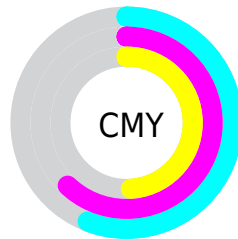


Cyan (14%)

Magenta (26%)

Yellow (0%)

Black (49%)



Cyan (56%)

Magenta (62%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 96, 129 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, 96, 129 by changing the saturation by 10% instead.



111, 96, 129



111, 96, 129

255, 255, 255



86, 72, 104



163, 147, 182



63, 50, 80



190, 173, 210



40, 28, 57



218, 201, 238



21, 3, 35



247, 229, 255



0, 0, 11



0, 0, 0



111, 96, 129



111, 96, 129



104, 83, 129



118, 109, 129



97, 70, 129



125, 122, 129

90, 57, 129

129, 135, 132

83, 44, 129

129, 148, 138

76, 31, 129

129, 161, 144

69, 19, 129

129, 173, 149

62, 6, 129

129, 186, 155

59, 0, 129

129, 199, 161

129, 212, 167

Harmonies

Analogous

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



87, 98, 136



111, 96, 129



128, 91, 115

Triad

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



111, 96, 129



125, 121, 71



53, 84, 112

Complementary

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



111, 96, 129



96, 129, 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.



70, 98, 111



111, 96, 129



75, 109, 68

Square

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



111, 96, 129



135, 94, 82



75, 108, 93



47, 82, 123

Rectangle

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



111, 96, 129



135, 89, 104



75, 108, 93



58, 88, 112

Sweetspot

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



111, 96, 129



161, 155, 168



96, 108, 129



80, 76, 84



212, 212, 212



84, 84, 84

Same Dimension

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



111, 96, 129



140, 116, 168



127, 96, 129



60, 57, 64



58, 0, 128



0, 0, 0

Inverse Universe

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



129, 96, 114



168, 116, 145



96, 129, 127



64, 57, 61



128, 0, 70



0, 0, 0

Previews

White Background



This preview shows how the RYB color 111, 96, 129 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, 96, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

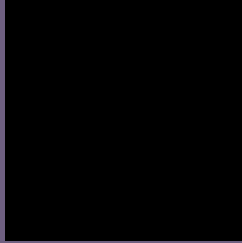
Any Text WCAG AA × Fail

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 111, 96, 129 Background



This preview shows how black text looks on a background with the RYB color 111, 96, 129.



This preview shows how white text looks on a background with the RYB color 111, 96, 129.

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, 96, 129

Protanopia

94, 100, 133

Deuteranopia

99, 100, 128



Tritanopia
108, 100, 108

Trichromacy



Original Color

111, 96, 129

Protanomaly

100, 99, 132

Deuteranomaly

103, 99, 128

Tritanomaly

109, 99, 116

Monochromacy



Original Color

111, 96, 129

Achromatopsia

104, 104, 104

Achromatomaly

107, 101, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 96, 129 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, 96, 129)` looks like.

```
.text, #text, p{  
    color:rgb(111, 96, 129)  
}
```

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, 96, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 96, 129) }
```

Border

The CSS property to change the border of an element to RYB 111, 96, 129 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, 96, 129) }
```

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

```
.border{ border-color:rgb(111, 96, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 96, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 96, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 96, 129);  
box-shadow:4px 4px 4px 4px rgb(111, 96,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 111, 96, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 96, 129) }
```

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

```
.background{ background-color: rgb(111, 96,  
129) }
```

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