

Converting Colors

`RYB(111, 94, 144)`

Have a look what the booklet for
RYB(111, 94, 144) contains.

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Color

R_YB(111, 94, 144)

Conversions

Conversions Part 1

Format	Color
Hex	6F5E90
RGB	111, 94, 144
RGB Percent	44%, 37%, 56%
CMY	0.5647, 0.6314, 0.4353
CMYK	0.23, 0.35, 0.00, 0.44
HSL	260°, 21%, 47%
HSV	260°, 35%, 56%
XYZ	15.5923, 13.3985, 28.1499
YIQ	104.7830, -5.9180, 19.1540

Conversions

Conversions Part 2

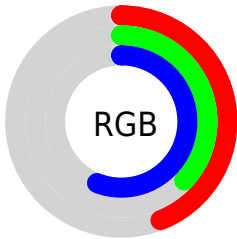
Format	Color
R _Y B	111, 94, 144
Decimal	7298704
CIE Lab	43.36, 17.86, -25.07
CIE LCh	43, 30.780, 305.467
Yxy	13.3985, 0.2729, 0.2345
Android (android.graphics.Color)	4285488784 (0xFF6F5E90)
YUV	104.7830, 19.3340, 5.4523
Hunter-Lab	36.6040, 11.9790, -19.9736

Details

The RYB color **111, 94, 144** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **94, 144, 111**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **164, 145, 198**, and **62, 48, 93** is the 20% darker color. If you saturate the color by 10%, you get **101, 80, 144**, and if you desaturate by 10%, it is **121, 108, 144**.

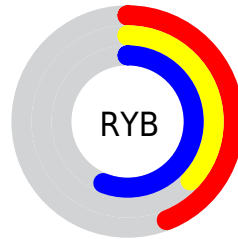
Distribution



Red (44%)

Green (37%)

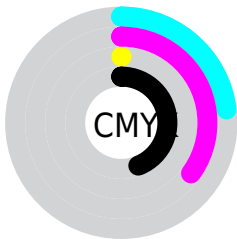
Blue (56%)



Red (44%)

Yellow (37%)

Blue (56%)

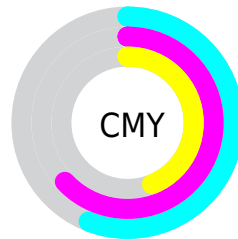


Cyan (23%)

Magenta (35%)

Yellow (0%)

Black (44%)



Cyan (56%)

Magenta (63%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 94, 144 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, 94, 144 by changing the saturation by 10% instead.



111, 94, 144



111, 94, 144

255, 255, 255



86, 70, 118



164, 145, 198



62, 48, 93



191, 171, 226



39, 27, 69



219, 198, 255



19, 1, 47



248, 226, 255



0, 1, 26



0, 0, 0



111, 94, 144



111, 94, 144



101, 80, 144



121, 108, 144



92, 65, 144



130, 123, 144

82, 51, 144

140, 137, 144

73, 36, 144

144, 152, 147

63, 22, 144

144, 166, 151

54, 8, 144

144, 180, 156

49, 0, 144

144, 195, 161

144, 209, 166

144, 224, 171

Harmonies

Analogous

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



70, 94, 153



111, 94, 144



138, 85, 124

Triad

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



111, 94, 144



135, 129, 56



0, 61, 116

Complementary

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



111, 94, 144



94, 144, 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.



54, 96, 114



111, 94, 144



66, 114, 51

Square

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



111, 94, 144



149, 87, 74



60, 110, 83



0, 61, 131

Rectangle

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



111, 94, 144



148, 82, 107



60, 110, 83



21, 73, 115

Sweetspot

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



111, 94, 144



174, 168, 186



94, 114, 144



87, 83, 94



222, 222, 222



94, 94, 94

Same Dimension

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



111, 94, 144



135, 108, 186



136, 94, 144



67, 64, 71



46, 0, 135



3, 0, 8

Inverse Universe

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



144, 94, 127



186, 108, 160



94, 144, 136



71, 64, 69



135, 0, 89



8, 0, 5

Previews

White Background



This preview shows how the RYB color 111, 94, 144 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, 94, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

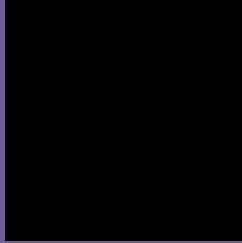
Any Text WCAG AA × Fail

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, 94, 144 Background



This preview shows how black text looks on a background with the RYB color 111, 94, 144.



This preview shows how white text looks on a background with the RYB color 111, 94, 144.

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, 94, 144

Protanopia
87, 98, 150

Deuteranopia
89, 99, 143



Tritanopia
105, 101, 109

Trichromacy



Original Color

111, 94, 144

Protanomaly

96, 98, 148

Deuteranomaly

97, 98, 143

Tritanomaly

107, 98, 122

Monochromacy



Original Color

111, 94, 144

Achromatopsia

105, 105, 105

Achromatomaly

107, 101, 119

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 94, 144 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, 94, 144)` looks like.

```
.text, #text, p{  
    color:rgb(111, 94, 144)  
}
```

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, 94, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 94, 144) }
```

Border

The CSS property to change the border of an element to RYB 111, 94, 144 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, 94, 144) }
```

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

```
.border{ border-color:rgb(111, 94, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 94, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 94, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 94, 144); box-shadow:4px 4px 4px 4px rgb(111, 94, 144) }
```

Background

The CSS property to change the background color of an element to RGB 111, 94, 144 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 94, 144) }
```

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

```
.background{ background-color: rgb(111, 94,  
144) }
```

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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