

Converting Colors

`RYB(112, 134, 175)`

Have a look what the booklet for
RYB(112, 134, 175) contains.

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Color

R_YB(112, 134, 175)

Conversions

Conversions Part 1

Format	Color
Hex	7092AF
RGB	112, 146, 175
RGB Percent	44%, 57%, 69%
CMY	0.5608, 0.4282, 0.3137
CMYK	0.36, 0.17, 0.00, 0.31
HSL	208°, 28%, 56%
HSV	208°, 36%, 69%
XYZ	24.6688, 27.0376, 44.4760
YIQ	139.1400, -29.5730, 1.8110

Conversions

Conversions Part 2

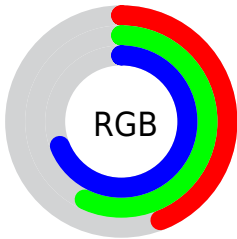
Format	Color
RYB	112, 134, 175
Decimal	7377583
CIELab	59.01, -4.38, -19.07
CIElCh	59, 19.565, 257.073
Yxy	27.0376, 0.2565, 0.2811
Android (android.graphics.Color)	4285567663 (0xFF7092AF)
YUV	139.1400, 17.6790, -23.8018
Hunter-Lab	51.9976, -6.3117, -14.3152

Details

The RYB color **112, 134, 175** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **175, 166, 112**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **166, 188, 231**, and **61, 83, 122** is the 20% darker color. If you saturate the color by 10%, you get **95, 123, 175**, and if you desaturate by 10%, it is **130, 146, 175**.

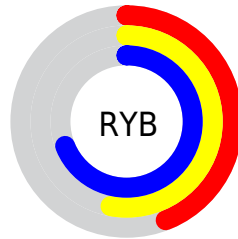
Distribution



Red (44%)

Green (57%)

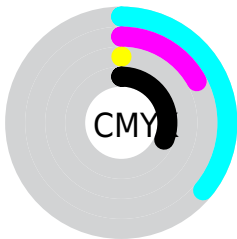
Blue (69%)



Red (44%)

Yellow (53%)

Blue (69%)

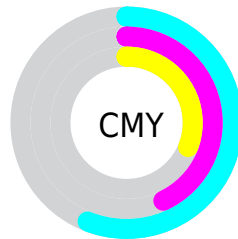


Cyan (36%)

Magenta (17%)

Yellow (0%)

Black (31%)



Cyan (56%)

Magenta (43%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 112, 134, 175 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 112, 134, 175 by changing the saturation by 10% instead.

■ 112, 134, 175

255, 255, 255

■ 166, 188, 231

■ 193, 215, 255

■ 222, 239, 255

■ 251, 253, 255

■ 112, 134, 175

■ 86, 108, 148

■ 61, 83, 122

■ 35, 58, 98

■ 4, 31, 74

■ 0, 18, 51

■ 0, 2, 30

■ 0, 0, 0

■ 112, 134, 175

■ 95, 123, 175

■ 112, 134, 175

■ 130, 146, 175

■ 77, 111, 175

■ 147, 157, 175

■ 59, 99, 175

■ 164, 168, 175

■ 42, 88, 175

■ 182, 180, 175

■ 25, 77, 175

■ 200, 195, 175

■ 7, 66, 175

■ 217, 210, 175

■ 0, 61, 175

■ 235, 228, 175

■ 252, 243, 175

■ 240, 255, 175

Harmonies

Analogous

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



96, 127, 167



112, 134, 175



135, 139, 175

Triad

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



112, 134, 175



177, 130, 133



118, 149, 142

Complementary

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



112, 134, 175



175, 166, 112

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.



110, 145, 109



112, 134, 175



174, 138, 118

Square

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



112, 134, 175



172, 130, 150



153, 162, 109



107, 134, 151

Rectangle

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



112, 134, 175



150, 136, 169



153, 162, 109



114, 147, 129

Sweetspot

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



112, 134, 175



202, 211, 227



112, 156, 175



100, 105, 115



242, 242, 242



115, 115, 115

Same Dimension

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



112, 134, 175



129, 163, 227



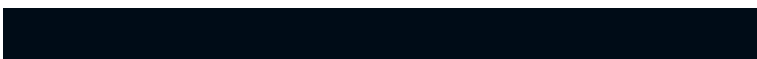
112, 115, 175



78, 81, 87



0, 53, 150



0, 8, 23

Inverse Universe

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



175, 112, 146



227, 129, 182



115, 175, 112



87, 78, 83



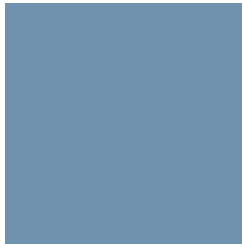
150, 0, 81



23, 0, 12

Previews

White Background



This preview shows how the RYB color 112, 134, 175 looks on a white background.

Color Contrast Check

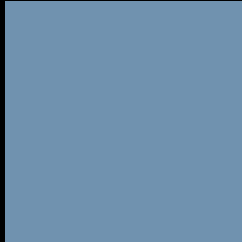
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 112, 134, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

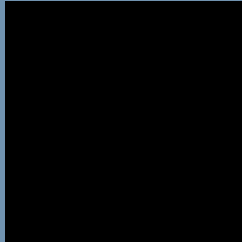
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

R Y B 112, 134, 175 Background



This preview shows how black text looks on a background with the R Y B color 112, 134, 175.



This preview shows how white text looks on a background with the R Y B color 112, 134, 175.

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


112, 134, 175

Protanopia

135, 139, 171

Deuteranopia

137, 139, 176



Tritanopia
108, 131, 160

Trichromacy



Original Color
112, 134, 175

Protanomaly
127, 138, 172

Deuteranomaly
128, 138, 176

Tritanomaly
109, 132, 165

Monochromacy



Original Color
112, 134, 175

Achromatopsia
139, 139, 139

Achromatomaly
129, 137, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 112, 134, 175 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(112, 146, 175)` looks like.

```
.text, #text, p{  
    color:rgb(112, 146, 175)  
}
```

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(112, 146, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 146, 175) }
```

Border

The CSS property to change the border of an element to RYB 112, 134, 175 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(112, 146, 175) }
```

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

```
.border{ border-color:rgb(112, 146, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 146, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 146, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 146, 175);  
box-shadow:4px 4px 4px 4px rgb(112, 146,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 112, 134, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 146, 175) }
```

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

```
.background{ background-color: rgb(112,  
146, 175) }
```

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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