

Converting Colors

`RYB(92, 110, 154)`

Have a look what the booklet for
RYB(92, 110, 154) contains.

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Color

R_YB(92, 110, 154)

Conversions

Conversions Part 1

Format	Color
Hex	5C759A
RGB	92, 117, 154
RGB Percent	36%, 46%, 60%
CMY	0.6392, 0.5398, 0.3961
CMYK	0.40, 0.24, 0.00, 0.40
HSL	215°, 25%, 48%
HSV	215°, 40%, 60%
XYZ	16.6501, 17.4159, 33.0559
YIQ	113.7430, -26.7770, 6.2070

Conversions

Conversions Part 2

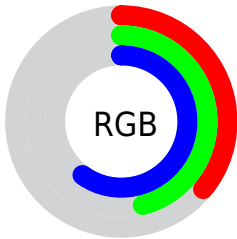
Format	Color
R _Y B	92, 110, 154
Decimal	6059418
CIE Lab	48.78, 0.54, -22.73
CIE LCh	49, 22.736, 271.369
Yxy	17.4159, 0.2481, 0.2595
Android (android.graphics.Color)	4284249498 (0xFF5C759A)
YUV	113.7430, 19.8467, -19.0686
Hunter-Lab	41.7324, -1.8148, -17.7505

Details

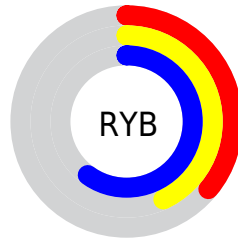
The RYB color **92, 110, 154** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **134, 154, 92**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **144, 162, 209**, and **41, 60, 103** is the 20% darker color. If you saturate the color by 10%, you get **77, 99, 154**, and if you desaturate by 10%, it is **107, 121, 154**.

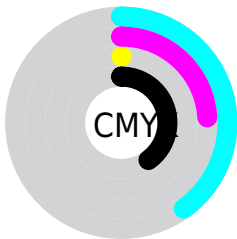
Distribution



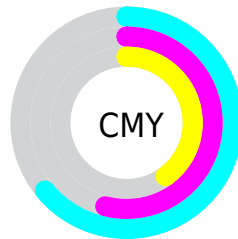
- Red (36%)
- Green (46%)
- Blue (60%)



- Red (36%)
- Yellow (43%)
- Blue (60%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 110, 154 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 92, 110, 154 by changing the saturation by 10% instead.

■ 92, 110, 154

255, 255, 255

■ 144, 162, 209

■ 172, 190, 237

■ 200, 217, 255

■ 228, 241, 255

■ 92, 110, 154

■ 67, 85, 128

■ 41, 60, 103

■ 13, 35, 79

■ 0, 18, 56

■ 0, 2, 34

■ 0, 0, 8

■ 0, 0, 0

■ 92, 110, 154

■ 77, 99, 154

■ 92, 110, 154

■ 107, 121, 154

■ 61, 88, 154

■ 123, 132, 154

■ 46, 77, 154

■ 138, 143, 154

■ 30, 66, 154

■ 154, 154, 154

■ 15, 55, 154

■ 164, 169, 154

■ 0, 45, 154

■ 174, 184, 154

■ 186, 200, 154

■ 196, 215, 154

■ 209, 231, 154

Harmonies

Analogous

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



65, 99, 149



92, 110, 154



120, 111, 149

Triad

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



92, 110, 154



154, 104, 97



86, 116, 125

Complementary

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



92, 110, 154



134, 154, 92

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.



83, 121, 96



92, 110, 154



145, 125, 83

Square

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



92, 110, 154



153, 102, 116



96, 129, 77



65, 98, 126

Rectangle

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



92, 110, 154



135, 106, 140



96, 129, 77



91, 124, 122

Sweetspot

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



92, 110, 154



177, 184, 201



92, 131, 154



88, 92, 102



230, 230, 230



102, 102, 102

Same Dimension

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



92, 110, 154



105, 133, 201



97, 92, 154



69, 71, 77



0, 41, 140



0, 4, 13

Inverse Universe

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



154, 92, 117



201, 105, 144



92, 154, 97



77, 69, 72



140, 0, 57



13, 0, 5

Previews

White Background



This preview shows how the RYB color 92, 110, 154 looks on a white background.

Color Contrast Check

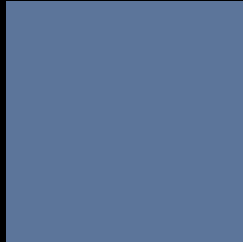
Large Text (above 18pt) WCAG AA ✓ Pass

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 92, 110, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

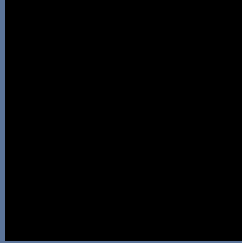
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

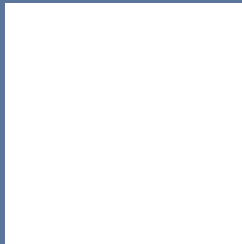
Any Text WCAG AAA × Fail

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

R Y B 92, 110, 154 Background



This preview shows how black text looks on a background with the RYB color 92, 110, 154.

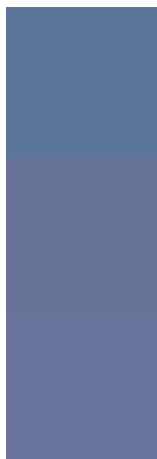


This preview shows how white text looks on a background with the RYB color 92, 110, 154.

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

92, 110, 154

Protanopia

105, 113, 152

Deuteranopia

105, 113, 155



Tritanopia
86, 106, 131

Trichromacy



Original Color

92, 110, 154

Protanomaly

100, 112, 153

Deuteranomaly

100, 112, 155

Tritanomaly

88, 108, 139

Monochromacy



Original Color

92, 110, 154

Achromatopsia

114, 114, 114

Achromatomaly

106, 112, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 110, 154 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(92, 117, 154)` looks like.

```
.text, #text, p{  
    color:rgb(92, 117, 154)  
}
```

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(92, 117, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 117, 154) }
```

Border

The CSS property to change the border of an element to RYB 92, 110, 154 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(92, 117, 154) }
```

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

```
.border{ border-color:rgb(92, 117, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 117, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 117, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 117, 154);  
box-shadow:4px 4px 4px 4px rgb(92, 117,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 92, 110, 154 is called "background".

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

```
.background, #background, body{  
background: rgb(92, 117, 154) }
```

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

```
.background{ background-color: rgb(92, 117,  
154) }
```

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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