

Converting Colors

`RYB(85, 94, 122)`

Have a look what the booklet for
RYB(85, 94, 122) contains.

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Color

R_YB(85, 94, 122)

Conversions

Conversions Part 1

Format	Color
Hex	55617A
RGB	85, 97, 122
RGB Percent	33%, 38%, 48%
CMY	0.6667, 0.6200, 0.5216
CMYK	0.30, 0.21, 0.00, 0.52
HSL	221°, 18%, 41%
HSV	221°, 30%, 48%
XYZ	11.5240, 11.8660, 20.0953
YIQ	96.2620, -15.1770, 5.2310

Conversions

Conversions Part 2

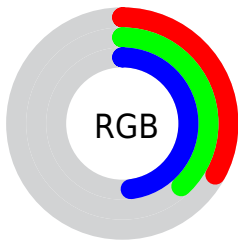
Format	Color
RYB	85, 94, 122
Decimal	5595514
CIELab	41.00, 1.77, -15.59
CIELCh	41, 15.690, 276.481
Yxy	11.8660, 0.2650, 0.2729
Android (android.graphics.Color)	4283785594 (0xFF55617A)
YUV	96.2620, 12.6888, -9.8768
Hunter-Lab	34.4471, -0.5669, -10.4749

Details

The RYB color **85, 94, 122** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **103, 122, 85**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **136, 145, 174**, and **38, 47, 73** is the 20% darker color. If you saturate the color by 10%, you get **73, 85, 122**, and if you desaturate by 10%, it is **97, 103, 122**.

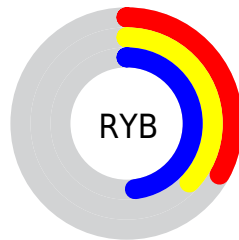
Distribution



Red (33%)

Green (38%)

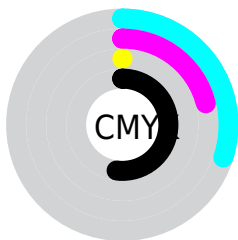
Blue (48%)



Red (33%)

Yellow (37%)

Blue (48%)

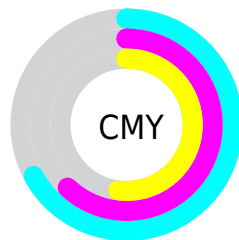


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (52%)



Cyan (67%)

Magenta (62%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 85, 94, 122 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 85, 94, 122 by changing the saturation by 10% instead.



85, 94, 122



85, 94, 122

255, 255, 255



61, 70, 97



136, 145, 174



38, 47, 73



162, 171, 202



15, 26, 51



189, 198, 230



0, 4, 30



217, 226, 255



0, 0, 0



246, 251, 255



85, 94, 122



85, 94, 122



73, 85, 122



97, 103, 122



61, 75, 122



109, 112, 122

■ 48, 66, 122

■ 122, 122, 122

■ 36, 57, 122

■ 128, 134, 122

■ 24, 48, 122

■ 134, 146, 122

■ 12, 39, 122

■ 138, 158, 122

■ 0, 30, 122

■ 144, 170, 122

■ 152, 183, 122

■ 158, 195, 122

Harmonies

Analogous

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



69, 89, 120



85, 94, 122



102, 92, 117

Triad

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



85, 94, 122



122, 90, 82



75, 95, 103

Complementary

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



85, 94, 122



103, 122, 85

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.



76, 101, 88



85, 94, 122



115, 108, 73

Square

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



85, 94, 122



122, 87, 94



78, 103, 71



63, 85, 104

Rectangle

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



85, 94, 122



112, 90, 111



78, 103, 71



79, 99, 102

Sweetspot

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



85, 94, 122



144, 147, 158



85, 107, 122



70, 72, 79



207, 207, 207



79, 79, 79

Same Dimension

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



85, 94, 122



101, 115, 158



91, 85, 122



55, 57, 61



0, 30, 125



0, 61, 252

Inverse Universe

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



122, 85, 97



158, 101, 119



85, 122, 91



61, 55, 57



125, 0, 40



252, 0, 81

Previews

White Background



This preview shows how the RYB color 85, 94, 122 looks on a white background.

Color Contrast Check

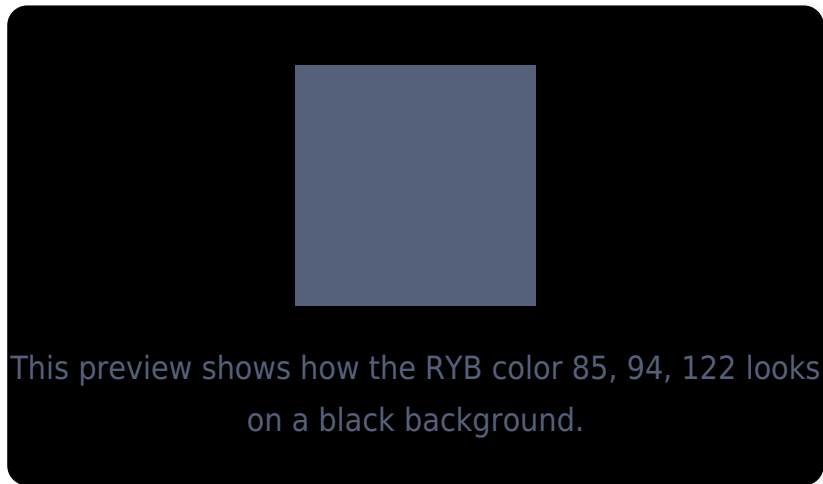
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

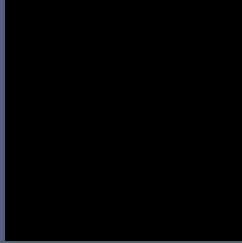
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

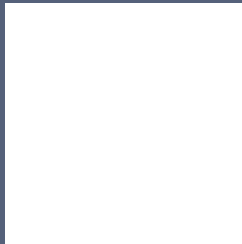
Any Text WCAG AAA × Fail

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

R Y B 85, 94, 122 Background



This preview shows how black text looks on a background with the R Y B color 85, 94, 122.

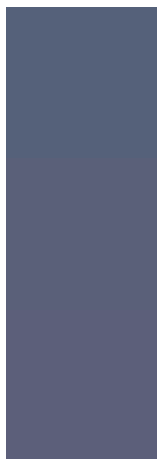


This preview shows how white text looks on a background with the R Y B color 85, 94, 122.

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

85, 94, 122

Protanopia

90, 95, 121

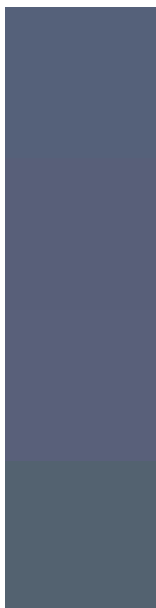
Deuteranopia

92, 95, 122



Tritanopia
82, 92, 107

Trichromacy



Original Color

85, 94, 122

Protanomaly

88, 94, 121

Deuteranomaly

89, 95, 122

Tritanomaly

83, 93, 112

Monochromacy



Original Color

85, 94, 122

Achromatopsia

96, 96, 96

Achromatomaly

92, 95, 105

CSS Examples

Text

The CSS property to change the color of the text to RYB 85, 94, 122 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(85, 97, 122) looks like.

```
.text, #text, p{  
    color:rgb(85, 97, 122)  
}
```

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(85, 97, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 97, 122) }
```

Border

The CSS property to change the border of an element to RYB 85, 94, 122 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(85, 97, 122) }
```

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

```
.border{ border-color:rgb(85, 97, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 97, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 97, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 97, 122);  
box-shadow:4px 4px 4px 4px rgb(85, 97,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 85, 97, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 97, 122) }
```

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

```
.background{ background-color: rgb(85, 97,  
122) }
```

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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