

Converting Colors

`RYB(139, 157, 194)`

Have a look what the booklet for RYB(139, 157, 194) contains.

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Color

R_YB(139, 157, 194)

Conversions

Conversions Part 1

Format	Color
Hex	8BA6C2
RGB	139, 166, 194
RGB Percent	55%, 65%, 76%
CMY	0.4549, 0.3500, 0.2392
CMYK	0.28, 0.15, 0.00, 0.24
HSL	211°, 31%, 65%
HSV	211°, 28%, 76%
XYZ	33.9771, 36.5681, 56.3065
YIQ	161.1190, -25.0800, 2.9840

Conversions

Conversions Part 2

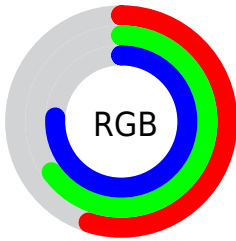
Format	Color
R _Y B	139, 157, 194
Decimal	9152194
CIE Lab	66.95, -2.69, -17.51
CIE LCh	67, 17.718, 261.254
Yxy	36.5681, 0.2678, 0.2883
Android (android.graphics.Color)	4287342274 (0xFF8BA6C2)
YUV	161.1190, 16.2103, -19.3984
Hunter-Lab	60.4716, -5.5316, -12.8762

Details

The RYB color **139, 157, 194** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **192, 194, 139**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **193, 212, 251**, and **87, 105, 140** is the 20% darker color. If you saturate the color by 10%, you get **120, 144, 194**, and if you desaturate by 10%, it is **158, 170, 194**.

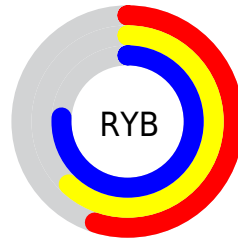
Distribution



Red (55%)

Green (65%)

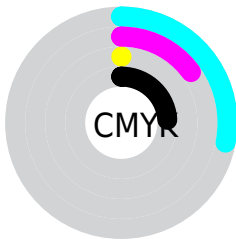
Blue (76%)



Red (55%)

Yellow (62%)

Blue (76%)

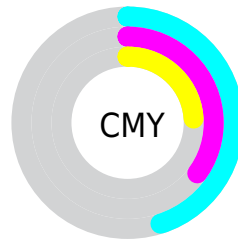


Cyan (28%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (45%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 157, 194 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 139, 157, 194 by changing the saturation by 10% instead.

 139, 157, 194


255, 255, 255

 193, 212, 251

 222, 237, 255

 251, 253, 255

 139, 157, 194

 113, 131, 167

 87, 105, 140

 63, 81, 115

 38, 56, 90


 12, 32, 67

 0, 16, 44

 0, 1, 24

 0, 0, 0

 139, 157, 194

 139, 157, 194

■ 120, 144, 194

■ 158, 170, 194

■ 100, 131, 194

■ 178, 183, 194

■ 81, 118, 194

■ 196, 197, 194

■ 61, 105, 194

■ 215, 217, 194

■ 42, 92, 194

■ 232, 236, 194

■ 23, 79, 194

■ 249, 255, 194

■ 3, 66, 194

■ 224, 255, 194

■ 0, 63, 194

■ 206, 255, 194

■ 194, 255, 194

Harmonies

Analogous

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



124, 151, 187



139, 157, 194



160, 160, 192

Triad

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



139, 157, 194



196, 152, 152



143, 170, 168

Complementary

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



139, 157, 194



192, 194, 139

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.



133, 165, 135



139, 157, 194



192, 162, 139

Square

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



139, 157, 194



192, 152, 168



166, 180, 132



129, 155, 172

Rectangle

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



139, 157, 194



173, 157, 187



166, 180, 132



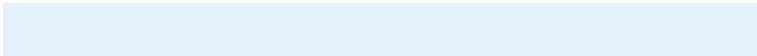
139, 168, 156

Sweetspot

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



139, 157, 194



230, 237, 252



139, 176, 194



113, 118, 128



0, 0, 0



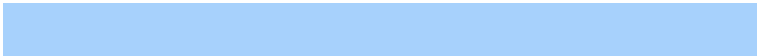
128, 128, 128

Same Dimension

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



139, 157, 194



167, 195, 252



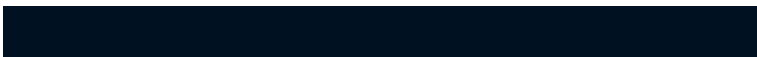
139, 139, 194



87, 90, 97



0, 53, 161



0, 11, 33

Inverse Universe

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



194, 139, 166



252, 167, 208



139, 194, 139



97, 87, 92



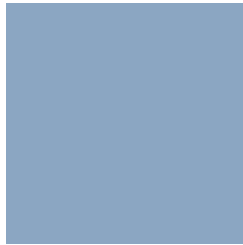
161, 0, 78



33, 0, 16

Previews

White Background



This preview shows how the RYB color 139, 157, 194 looks on a white background.

Color Contrast Check

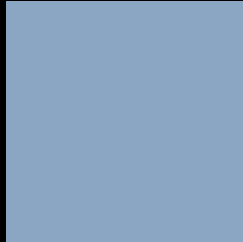
Large Text (above 18pt) WCAG AA × Fail

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 139, 157, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

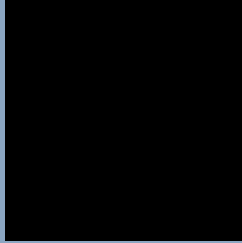
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

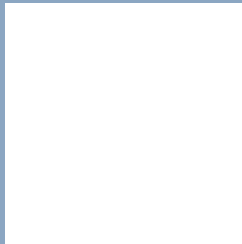
Any Text WCAG AAA ✓ Pass

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

R/Y/B 139, 157, 194 Background



This preview shows how black text looks on a background with the R/Y/B color 139, 157, 194.



This preview shows how white text looks on a background with the R/Y/B color 139, 157, 194.

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
139, 157, 194

Protanopia
157, 161, 191

Deuteranopia
162, 159, 195



Tritanopia
136, 155, 181

Trichromacy



Original Color

139, 157, 194

Protanomaly

150, 160, 192

Deuteranomaly

154, 160, 195

Tritanomaly

137, 156, 186

Monochromacy



Original Color

139, 157, 194

Achromatopsia

161, 161, 161

Achromatomaly

153, 160, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 157, 194 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(139, 166, 194)` looks like.

```
.text, #text, p{  
    color:rgb(139, 166, 194)  
}
```

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(139, 166, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 166, 194) }
```

Border

The CSS property to change the border of an element to RYB 139, 157, 194 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(139, 166, 194) }
```

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

```
.border{ border-color:rgb(139, 166, 194) }
```

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

Here you see how a box with a 4 pixel rgb(139, 166, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 166, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 166, 194);  
box-shadow:4px 4px 4px 4px rgb(139, 166,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 139, 157, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 166, 194) }
```

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

```
.background{ background-color: rgb(139,  
166, 194) }
```

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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