

Converting Colors

`RYB(89, 153, 193)`

Have a look what the booklet for
RYB(89, 153, 193) contains.

RYB(89, 153, 193)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(89, 153, 193)$

Conversions

Conversions Part 1

Format	Color
Hex	59C19A
RGB	89, 193, 154
RGB Percent	35%, 76%, 60%
CMY	0.6510, 0.2431, 0.3961
CMYK	0.54, 0.00, 0.20, 0.24
HSL	158°, 46%, 55%
HSV	158°, 54%, 76%
XYZ	29.0225, 42.5969, 37.2642
YIQ	157.4580, -49.4650, -34.1770

Conversions

Conversions Part 2

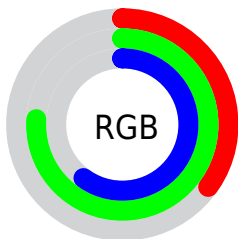
Format	Color
RYB	89, 153, 193
Decimal	5882266
CIELab	71.28, -39.51, 10.59
CIELCh	71, 40.909, 165.001
Yxy	42.5969, 0.2665, 0.3912
Android (android.graphics.Color)	4284072346 (0xFF59C19A)
YUV	157.4580, -1.7048, -60.0377
Hunter-Lab	65.2663, -34.8408, 11.8344

Details

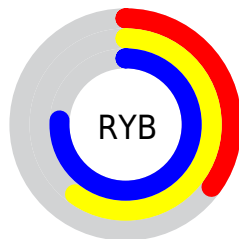
The RYB color **89, 153, 193** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **193, 89, 128**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **146, 211, 250**, and **22, 91, 139** is the 20% darker color. If you saturate the color by 10%, you get **70, 146, 193**, and if you desaturate by 10%, it is **108, 160, 193**.

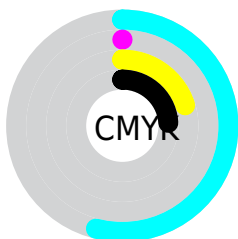
Distribution



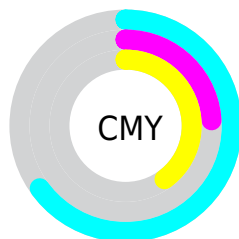
- Red (35%)
- Green (76%)
- Blue (60%)



- Red (35%)
- Yellow (60%)
- Blue (76%)



- Cyan (54%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)



- Cyan (65%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 89, 153, 193 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 89, 153, 193 by changing the saturation by 10% instead.



89, 153, 193



89, 153, 193

255, 255, 255



59, 123, 165



146, 211, 250



22, 91, 139



175, 220, 255



0, 67, 113



204, 230, 255



0, 53, 87



233, 244, 255



0, 41, 63



0, 31, 41



0, 9, 9




0, 0, 0




89, 153, 193




89, 153, 193

 70, 146, 193


 108, 160, 193


 50, 138, 193


 128, 168, 193


 31, 131, 193

 147, 175, 193

 12, 123, 193

 166, 183, 193

 0, 119, 193

 186, 190, 193

 205, 193, 197

 224, 193, 205

 243, 193, 212

 255, 193, 219

Harmonies

Analogous

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



120, 188, 170



89, 153, 193



7, 101, 194

Triad

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



89, 153, 193



150, 168, 246



239, 163, 123

Complementary

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



89, 153, 193



193, 89, 128

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.



247, 145, 157



89, 153, 193



202, 158, 228

Square

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



89, 153, 193



82, 145, 246



235, 147, 195



189, 215, 102

Rectangle

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



89, 153, 193



0, 102, 216



235, 147, 195



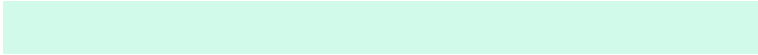
244, 153, 134

Sweetspot

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



89, 153, 193



210, 235, 250



89, 193, 153



101, 116, 125



252, 252, 252



125, 125, 125

Same Dimension

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



89, 153, 193



87, 187, 250



89, 138, 193



87, 93, 97



0, 99, 161



0, 20, 33

Inverse Universe

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



193, 89, 128



250, 87, 148



193, 103, 89



97, 87, 91



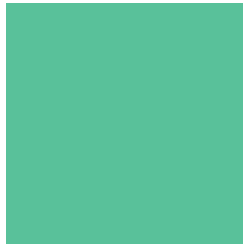
161, 0, 60



33, 0, 12

Previews

White Background



This preview shows how the RYB color 89, 153, 193 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 89, 153, 193 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](#).

RYB 89, 153, 193 Background



This preview shows how black text looks on a background with the RYB color 89, 153, 193.

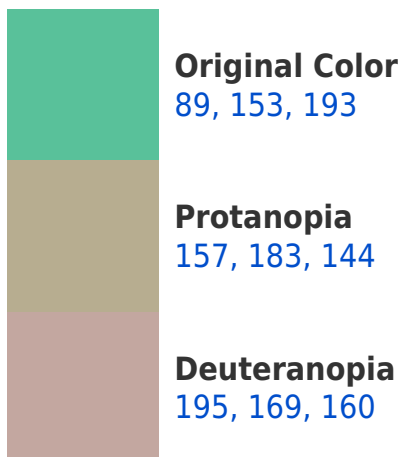


This preview shows how white text looks on a background with the RYB color 89, 153, 193.

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





Tritanopia
104, 149, 202

Trichromacy



Original Color

89, 153, 193



Protanomaly

148, 180, 179



Deuteranomaly

156, 174, 176



Tritanomaly

99, 145, 189

Monochromacy



Original Color

89, 153, 193



Achromatopsia

157, 157, 157



Achromatomaly

132, 155, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 89, 153, 193 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(89, 193, 154)` looks like.

```
.text, #text, p{  
    color:rgb(89, 193, 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(89, 193, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 193, 154) }
```

Border

The CSS property to change the border of an element to RYB 89, 153, 193 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(89, 193, 154) }
```

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

```
.border{ border-color:rgb(89, 193, 154) }
```

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

Here you see how a box with a 4 pixel rgb(89, 193, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 193, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 193, 154);  
box-shadow:4px 4px 4px 4px rgb(89, 193,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 89, 193, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 193, 154) }
```

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

```
.background{ background-color: rgb(89, 193,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor