

Converting Colors

`RYB(91, 167, 194)`

Have a look what the booklet for
RYB(91, 167, 194) contains.

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Color

R_YB(91, 167, 194)

Conversions

Conversions Part 1

Format	Color
Hex	5BC280
RGB	91, 194, 128
RGB Percent	36%, 76%, 50%
CMY	0.6431, 0.2392, 0.4996
CMYK	0.53, 0.00, 0.34, 0.24
HSL	141°, 46%, 56%
HSV	141°, 53%, 76%
XYZ	27.4757, 42.3555, 27.0089
YIQ	155.6790, -40.2020, -42.3620

Conversions

Conversions Part 2

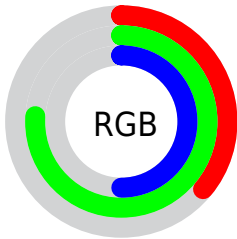
Format	Color
RYB	91, 167, 194
Decimal	6013568
CIELab	71.12, -44.89, 24.53
CIElCh	71, 51.161, 151.344
Yxy	42.3555, 0.2837, 0.4374
Android (android.graphics.Color)	4284203648 (0xFF5BC280)
YUV	155.6790, -13.6457, -56.7235
Hunter-Lab	65.0811, -38.5336, 20.9512

Details

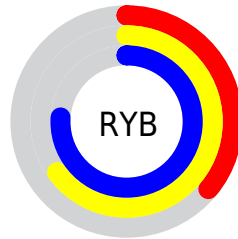
The RYB color **91, 167, 194** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **194, 91, 157**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **148, 226, 251**, and **26, 103, 139** is the 20% darker color. If you saturate the color by 10%, you get **72, 162, 194**, and if you desaturate by 10%, it is **110, 172, 194**.

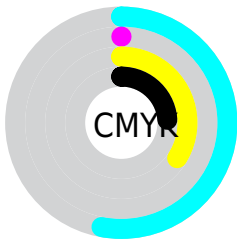
Distribution



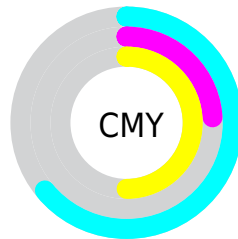
- Red (36%)
- Green (76%)
- Blue (50%)



- Red (36%)
- Yellow (65%)
- Blue (76%)



- Cyan (53%)
- Magenta (0%)
- Yellow (34%)
- Black (24%)





- Cyan (64%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the RYB color 91, 167, 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 91, 167, 194 by changing the saturation by 10% instead.


 91, 167, 194

 91, 167, 194

255, 255, 255

 62, 137, 166

 148, 226, 251

 26, 103, 139

 176, 232, 255

 0, 76, 113

 205, 235, 255

 0, 65, 88


 235, 245, 255


 0, 56, 64

 0, 42, 42

 0, 8, 8

 0, 0, 0

 91, 167, 194

 91, 167, 194

■ 72, 162, 194

■ 110, 172, 194

■ 52, 156, 194

■ 130, 177, 194

■ 33, 152, 194

■ 149, 182, 194

■ 13, 146, 194

■ 169, 187, 194

■ 0, 143, 194

■ 188, 193, 194

■ 207, 194, 203

■ 227, 194, 215

■ 246, 194, 228

■ 255, 194, 240

Harmonies

Analogous

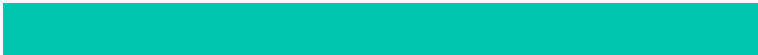
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91, 186, 125



91, 167, 194



0, 105, 198

Triad

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



91, 167, 194



94, 149, 255



255, 141, 128

Complementary

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



91, 167, 194



194, 91, 157

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.



255, 135, 174



91, 167, 194



180, 161, 254

Square

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



91, 167, 194



0, 109, 255



233, 144, 220



237, 202, 93

Rectangle

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



91, 167, 194



0, 101, 207



233, 144, 220



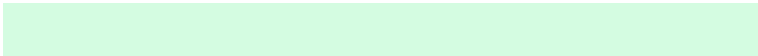
255, 137, 143

Sweetspot

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



91, 167, 194



212, 242, 252



91, 194, 127



103, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



91, 167, 194



91, 210, 252



91, 147, 194



87, 94, 97



0, 119, 161



0, 24, 33

Inverse Universe

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



194, 91, 157



252, 91, 195



194, 91, 106



97, 87, 93



161, 0, 104



33, 0, 21

Previews

White Background



This preview shows how the RYB color 91, 167, 194 looks on a white background.

Color Contrast Check

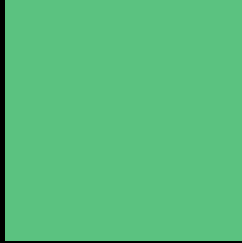
Large Text (above 18pt) WCAG AA × Fail

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 91, 167, 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](#).

RYB 91, 167, 194 Background



This preview shows how black text looks on a background with the RYB color 91, 167, 194.

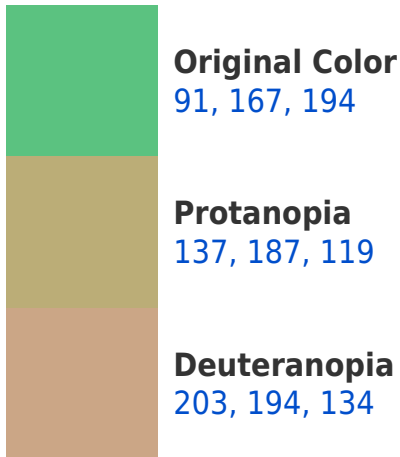


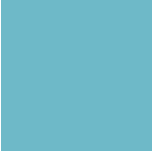
This preview shows how white text looks on a background with the RYB color 91, 167, 194.

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





Tritanopia
110, 151, 200

Trichromacy



Original Color

91, 167, 194



Protanomaly

122, 181, 151



Deuteranomaly

132, 176, 146



Tritanomaly

103, 149, 188

Monochromacy



Original Color

91, 167, 194



Achromatopsia

156, 156, 156



Achromatomaly

132, 160, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 91, 167, 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(91, 194, 128)` looks like.

```
.text, #text, p{  
    color:rgb(91, 194, 128)  
}
```

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(91, 194, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 194, 128) }
```

Border

The CSS property to change the border of an element to RYB 91, 167, 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(91, 194, 128) }
```

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

```
.border{ border-color:rgb(91, 194, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 194, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 194, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 194, 128); box-shadow:4px 4px 4px 4px rgb(91, 194, 128) }
```

Background

The CSS property to change the background color of an element to RGB 91, 167, 194 is called "background".

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

```
.background, #background, body{  
background: rgb(91, 194, 128) }
```

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

```
.background{ background-color: rgb(91, 194,  
128) }
```

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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