

Converting Colors

`RYB(90, 155, 194)`

Have a look what the booklet for
RYB(90, 155, 194) contains.

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Color

RYB(90, 155, 194)

Conversions

Conversions Part 1

Format	Color
Hex	5AC298
RGB	90, 194, 152
RGB Percent	35%, 76%, 60%
CMY	0.6471, 0.2392, 0.4024
CMYK	0.54, 0.00, 0.21, 0.24
HSL	156°, 46%, 56%
HSV	156°, 54%, 76%
XYZ	29.2086, 43.0374, 36.6454
YIQ	158.1160, -48.5020, -35.1100

Conversions

Conversions Part 2

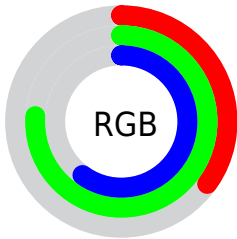
Format	Color
RYB	90, 155, 194
Decimal	5948056
CIELab	71.58, -40.09, 11.88
CIElCh	72, 41.813, 163.490
Yxy	43.0374, 0.2682, 0.3952
Android (android.graphics.Color)	4284138136 (0xFF5AC298)
YUV	158.1160, -3.0152, -59.7377
Hunter-Lab	65.6029, -35.3309, 12.8029

Details

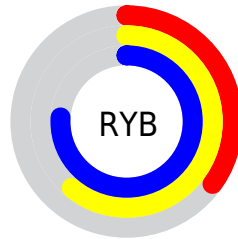
The RYB color **90, 155, 194** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **194, 90, 132**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **147, 213, 251**, and **24, 94, 140** is the 20% darker color. If you saturate the color by 10%, you get **71, 148, 194**, and if you desaturate by 10%, it is **109, 162, 194**.

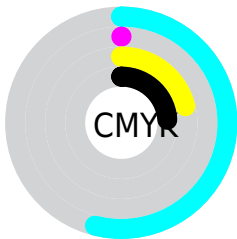
Distribution



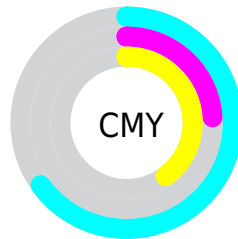
- Red (35%)
- Green (76%)
- Blue (60%)



- Red (35%)
- Yellow (61%)
- Blue (76%)



- Cyan (54%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 90, 155, 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 90, 155, 194 by changing the saturation by 10% instead.



90, 155, 194



90, 155, 194

255, 255, 255



60, 125, 166



147, 213, 251



24, 94, 140



176, 221, 255



0, 68, 114



205, 230, 255



0, 55, 88



234, 245, 255



0, 42, 64



0, 33, 42



0, 11, 11



0, 0, 0



90, 155, 194



90, 155, 194

■ 71, 148, 194

■ 109, 162, 194

■ 51, 140, 194

■ 129, 170, 194

■ 32, 133, 194

■ 148, 177, 194

■ 12, 126, 194

■ 168, 184, 194

■ 0, 121, 194

■ 187, 191, 194

■ 206, 194, 199

■ 226, 194, 207

■ 245, 194, 214

■ 255, 194, 222

Harmonies

Analogous

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



119, 188, 167



90, 155, 194



0, 99, 196

Triad

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



90, 155, 194



147, 168, 249



242, 162, 125

Complementary

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



90, 155, 194



194, 90, 132

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.



249, 145, 159



90, 155, 194



201, 159, 231

Square

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



90, 155, 194



74, 142, 248



236, 148, 198



196, 218, 102

Rectangle

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



90, 155, 194



0, 102, 216



236, 148, 198



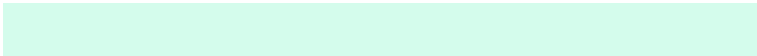
246, 151, 135

Sweetspot

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



90, 155, 194



212, 237, 252



90, 194, 152



103, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



90, 155, 194



91, 191, 252



90, 139, 194



87, 93, 97



0, 101, 161



0, 21, 33

Inverse Universe

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



194, 90, 132



252, 91, 156



194, 101, 90



97, 87, 91



161, 0, 64



33, 0, 13

Previews

White Background



This preview shows how the RYB color 90, 155, 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 90, 155, 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 90, 155, 194 Background



This preview shows how black text looks on a background with the RYB color 90, 155, 194.

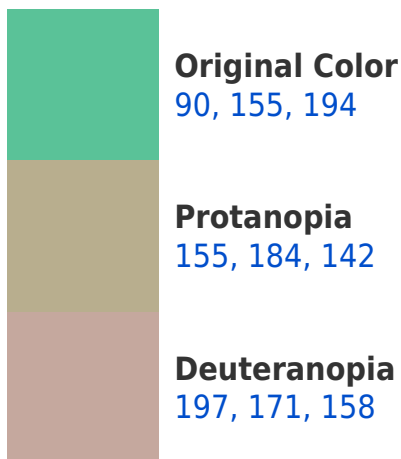


This preview shows how white text looks on a background with the RYB color 90, 155, 194.

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
105, 149, 202

Trichromacy



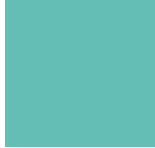
Original Color
90, 155, 194



Protanomaly
146, 181, 177



Deuteranomaly
156, 177, 175



Tritanomaly
100, 147, 190

Monochromacy



Original Color
90, 155, 194



Achromatopsia
158, 158, 158



Achromatomaly
133, 157, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 90, 155, 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(90, 194, 152)` looks like.

```
.text, #text, p{  
    color:rgb(90, 194, 152)  
}
```

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(90, 194, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 194, 152) }
```

Border

The CSS property to change the border of an element to RYB 90, 155, 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(90, 194, 152) }
```

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

```
.border{ border-color:rgb(90, 194, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 194, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 194, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 194, 152);  
box-shadow:4px 4px 4px 4px rgb(90, 194,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 90, 155, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 194, 152) }
```

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

```
.background{ background-color: rgb(90, 194,  
152) }
```

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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