

Converting Colors

`RYB(92, 155, 207)`

Have a look what the booklet for
RYB(92, 155, 207) contains.

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Color

`RYB(92, 155, 207)`

Conversions

Conversions Part 1

Format	Color
Hex	5CCFBB
RGB	92, 207, 187
RGB Percent	36%, 81%, 73%
CMY	0.6392, 0.1882, 0.2670
CMYK	0.56, 0.00, 0.10, 0.19
HSL	170°, 55%, 59%
HSV	170°, 56%, 81%
XYZ	35.6876, 50.4854, 54.8329
YIQ	170.3350, -62.1200, -30.6000

Conversions

Conversions Part 2

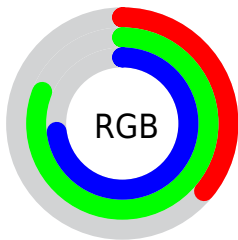
Format	Color
RYB	92, 155, 207
Decimal	6082491
CIELab	76.37, -37.42, 0.13
CIELCh	76, 37.417, 179.797
Yxy	50.4854, 0.2531, 0.3580
Android (android.graphics.Color)	4284272571 (0xFF5CCFB8)
YUV	170.3350, 8.2158, -68.6998
Hunter-Lab	71.0531, -34.6883, 3.9820

Details

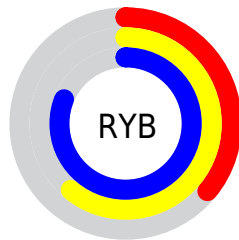
The RYB color **92, 155, 207** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **207, 92, 112**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **151, 206, 255**, and **16, 89, 152** is the 20% darker color. If you saturate the color by 10%, you get **71, 146, 207**, and if you desaturate by 10%, it is **113, 164, 207**.

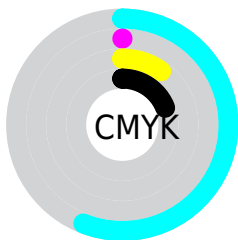
Distribution



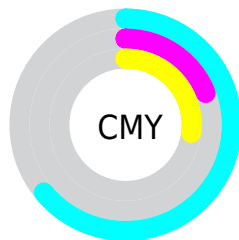
- Red (36%)
- Green (81%)
- Blue (73%)



- Red (36%)
- Yellow (61%)
- Blue (81%)



- Cyan (56%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)




- Cyan (64%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 155, 207 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 92, 155, 207 by changing the saturation by 10% instead.

 92, 155, 207


255, 255, 255


 151, 206, 255

 180, 218, 255


 210, 233, 255

 240, 248, 255

 92, 155, 207

 60, 125, 179

 16, 89, 152

 0, 68, 126


 0, 54, 100


 0, 41, 75

 0, 29, 52

 0, 19, 31

 0, 0, 0

 92, 155, 207

 92, 155, 207

■ 71, 146, 207

■ 113, 164, 207

■ 51, 136, 207

■ 133, 174, 207

■ 30, 127, 207

■ 154, 183, 207

■ 9, 118, 207

■ 175, 193, 207

■ 0, 113, 207

■ 195, 202, 207

■ 216, 207, 209

■ 237, 207, 212

■ 255, 207, 216

■ 255, 207, 219

Harmonies

Analogous

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



135, 190, 204



92, 155, 207



61, 137, 222

Triad

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



92, 155, 207



192, 180, 248



240, 203, 130

Complementary

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



92, 155, 207



207, 92, 112

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, 166, 156



92, 155, 207



232, 168, 224

Square

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



92, 155, 207



140, 176, 255



253, 162, 190



155, 212, 119

Rectangle

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



92, 155, 207



71, 145, 240



253, 162, 190



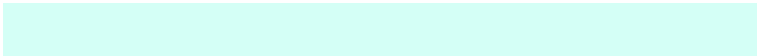
247, 186, 137

Sweetspot

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



92, 155, 207



212, 236, 255



92, 207, 186



102, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



92, 155, 207



84, 178, 255



92, 139, 207



94, 100, 105



0, 92, 168



0, 22, 41

Inverse Universe

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



207, 92, 112



255, 84, 114



207, 144, 92



105, 94, 96



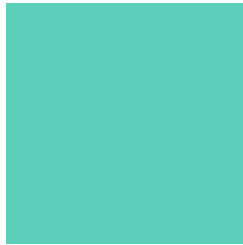
168, 0, 29



41, 0, 7

Previews

White Background



This preview shows how the RYB color 92, 155, 207 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 92, 155, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

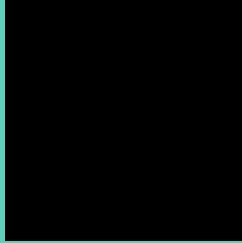
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

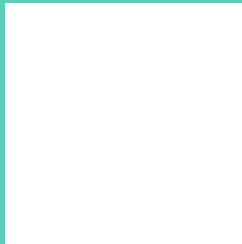
Any Text WCAG AAA ✓ Pass

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

RYB 92, 155, 207 Background



This preview shows how black text looks on a background with the RYB color 92, 155, 207.

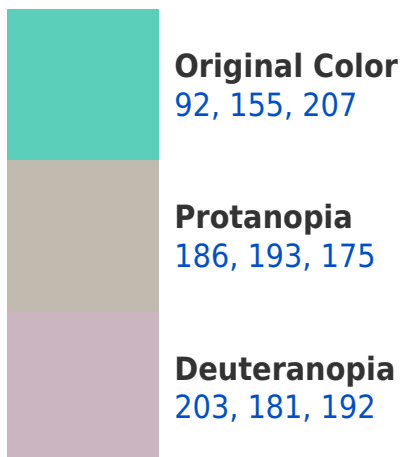


This preview shows how white text looks on a background with the RYB color 92, 155, 207.

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
103, 156, 219

Trichromacy



Original Color

92, 155, 207



Protanomaly

156, 180, 194



Deuteranomaly

163, 177, 190



Tritanomaly

99, 152, 207

Monochromacy



Original Color

92, 155, 207



Achromatopsia

170, 170, 170



Achromatomaly

142, 164, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 155, 207 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(92, 207, 187)` looks like.

```
.text, #text, p{  
    color:rgb(92, 207, 187)  
}
```

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(92, 207, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 207, 187) }
```

Border

The CSS property to change the border of an element to RYB 92, 155, 207 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(92, 207, 187) }
```

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

```
.border{ border-color:rgb(92, 207, 187) }
```

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

Here you see how a box with a 4 pixel rgb(92, 207, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 207, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 207, 187);  
box-shadow:4px 4px 4px 4px rgb(92, 207,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 92, 155, 207 is called "background".

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

```
.background, #background, body{  
background: rgb(92, 207, 187) }
```

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

```
.background{ background-color: rgb(92, 207,  
187) }
```

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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