

Converting Colors

`RYB(112, 155, 194)`

Have a look what the booklet for RYB(112, 155, 194) contains.

RYB(112, 155, 194)	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

R_YB(112, 155, 194)

Conversions

Conversions Part 1

Format	Color
Hex	70C2BA
RGB	112, 194, 186
RGB Percent	44%, 76%, 73%
CMY	0.5608, 0.2392, 0.2691
CMYK	0.42, 0.00, 0.04, 0.24
HSL	174°, 40%, 60%
HSV	174°, 42%, 76%
XYZ	34.8764, 45.5893, 53.6235
YIQ	168.5700, -46.3040, -19.8720

Conversions

Conversions Part 2

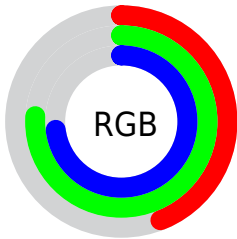
Format	Color
RYB	112, 155, 194
Decimal	7389882
CIELab	73.28, -26.86, -4.01
CIELCh	73, 27.158, 188.497
Yxy	45.5893, 0.2601, 0.3400
Android (android.graphics.Color)	4285579962 (0xFF70C2BA)
YUV	168.5700, 8.5930, -49.6119
Hunter-Lab	67.5199, -25.9582, 0.1765

Details

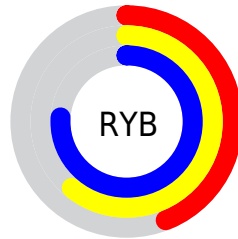
The RYB color **112, 155, 194** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **194, 112, 120**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **168, 212, 251**, and **56, 100, 140** is the 20% darker color. If you saturate the color by 10%, you get **93, 146, 194**, and if you desaturate by 10%, it is **131, 164, 194**.

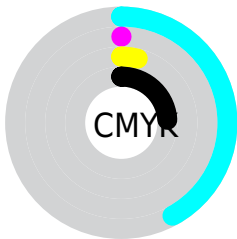
Distribution



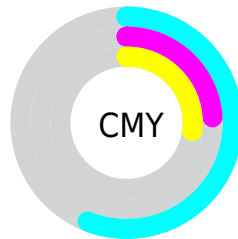
- Red (44%)
- Green (76%)
- Blue (73%)



- Red (44%)
- Yellow (61%)
- Blue (76%)



- Cyan (42%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)




- Cyan (56%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 112, 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 112, 155, 194 by changing the saturation by 10% instead.


 112, 155, 194


255, 255, 255


 168, 212, 251

 196, 226, 255

 225, 240, 255


 112, 155, 194

 84, 128, 167

 56, 100, 140

 22, 70, 114

 0, 46, 89


 0, 34, 65

 0, 23, 43

 0, 10, 20

 0, 0, 0

 112, 155, 194

 112, 155, 194

■ 93, 146, 194

■ 131, 164, 194

■ 73, 136, 194

■ 151, 174, 194

■ 54, 127, 194

■ 170, 183, 194

■ 34, 118, 194

■ 190, 192, 194

■ 15, 109, 194

■ 209, 194, 195

■ 0, 102, 194

■ 228, 194, 197

■ 248, 194, 199

■ 255, 194, 201

■ 255, 194, 203

Harmonies

Analogous

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



135, 174, 192



112, 155, 194



106, 153, 210

Triad

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



112, 155, 194



193, 171, 219



214, 206, 134

Complementary

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



112, 155, 194



194, 112, 120

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.



228, 169, 150



112, 155, 194



218, 164, 199

Square

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



112, 155, 194



159, 175, 229



230, 162, 174



143, 191, 131

Rectangle

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



112, 155, 194



117, 160, 222



230, 162, 174



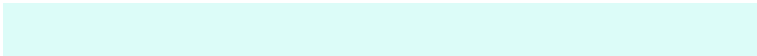
220, 190, 138

Sweetspot

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



112, 155, 194



220, 237, 252



112, 194, 186



107, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



112, 155, 194



124, 191, 252



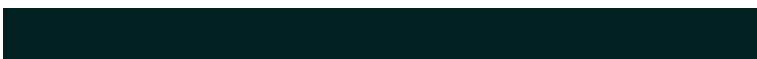
112, 143, 194



87, 92, 97



0, 84, 161



0, 17, 33

Inverse Universe

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



194, 112, 120



252, 124, 136



194, 167, 112



97, 87, 88



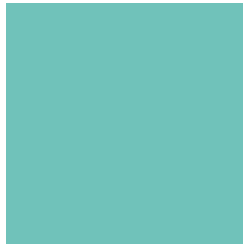
161, 0, 15



33, 0, 3

Previews

White Background



This preview shows how the RYB color 112, 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 112, 155, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

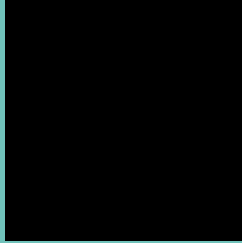
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

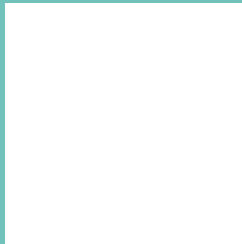
Any Text WCAG AAA ✓ Pass

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

RYB 112, 155, 194 Background



This preview shows how black text looks on a background with the RYB color 112, 155, 194.

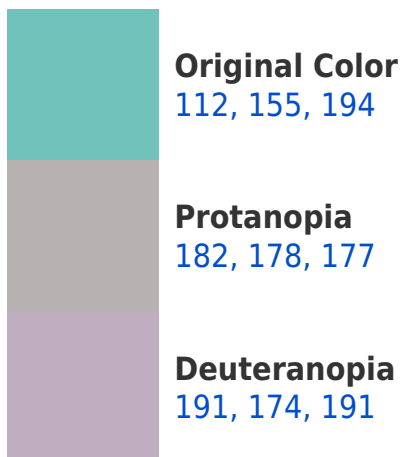


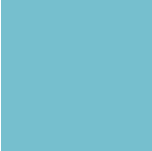
This preview shows how white text looks on a background with the RYB color 112, 155, 194.

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
118, 158, 206

Trichromacy



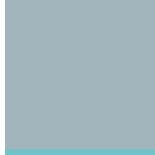
Original Color

112, 155, 194



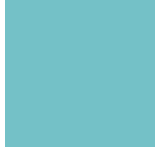
Protanomaly

157, 172, 184



Deuteranomaly

162, 173, 189



Tritanomaly

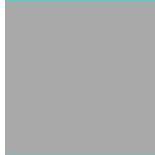
116, 156, 199

Monochromacy



Original Color

112, 155, 194



Achromatopsia

169, 169, 169



Achromatomaly

148, 164, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 112, 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(112, 194, 186)` looks like.

```
.text, #text, p{  
    color:rgb(112, 194, 186)  
}
```

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(112, 194, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 194, 186) }
```

Border

The CSS property to change the border of an element to RYB 112, 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(112, 194, 186) }
```

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

```
.border{ border-color:rgb(112, 194, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 194, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 194, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 194, 186);  
box-shadow:4px 4px 4px 4px rgb(112, 194,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 112, 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(112, 194, 186) }
```

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

```
.background{ background-color: rgb(112,  
194, 186) }
```

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