

Converting Colors

`RYB(110, 171, 194)`

Have a look what the booklet for
RYB(110, 171, 194) contains.

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Color

R_YB(110, 171, 194)

Conversions

Conversions Part 1

Format	Color
Hex	6EC28E
RGB	110, 194, 142
RGB Percent	43%, 76%, 56%
CMY	0.5686, 0.2392, 0.4444
CMYK	0.43, 0.00, 0.27, 0.24
HSL	143°, 41%, 60%
HSV	143°, 43%, 76%
XYZ	30.5801, 43.8417, 32.3129
YIQ	162.9560, -33.3720, -33.9800

Conversions

Conversions Part 2

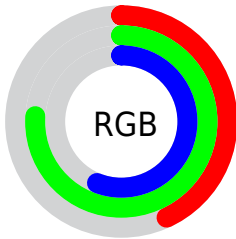
Format	Color
RYB	110, 171, 194
Decimal	7258766
CIELab	72.12, -37.23, 18.53
CIElCh	72, 41.584, 153.535
Yxy	43.8417, 0.2865, 0.4108
Android (android.graphics.Color)	4285448846 (0xFF6EC28E)
YUV	162.9560, -10.3313, -46.4424
Hunter-Lab	66.2131, -33.4338, 17.4148

Details

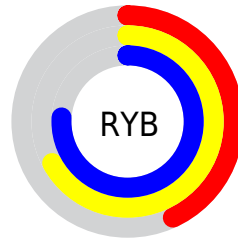
The RYB color **110, 171, 194** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **194, 110, 162**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **165, 228, 251**, and **55, 114, 140** is the 20% darker color. If you saturate the color by 10%, you get **91, 166, 194**, and if you desaturate by 10%, it is **129, 176, 194**.

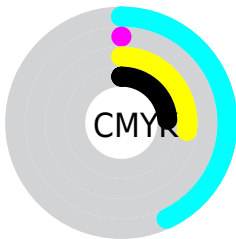
Distribution



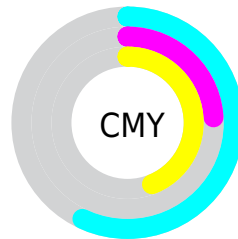
- Red (43%)
- Green (76%)
- Blue (56%)



- Red (43%)
- Yellow (67%)
- Blue (76%)



- Cyan (43%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)



- Cyan (57%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 171, 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 110, 171, 194 by changing the saturation by 10% instead.

 110, 171, 194


255, 255, 255


 165, 228, 251


 193, 234, 255

 222, 239, 255

 252, 254, 255

 110, 171, 194

 83, 143, 167


 55, 115, 140

 23, 84, 114

 0, 59, 89

 0, 47, 64


 0, 42, 42

 0, 14, 14


 0, 0, 0

 110, 171, 194


 110, 171, 194


 91, 166, 194


 129, 176, 194

 71, 160, 194

 149, 182, 194


 52, 155, 194

 168, 187, 194

 32, 150, 194


 188, 193, 194

 13, 145, 194


 207, 194, 202

 0, 141, 194

 226, 194, 214

 246, 194, 226

 255, 194, 238

 255, 194, 250

Harmonies

Analogous

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



112, 187, 142



110, 171, 194



48, 127, 197

Triad

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



110, 171, 194



127, 164, 252



248, 153, 137

Complementary

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



110, 171, 194



194, 110, 162

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, 147, 174



110, 171, 194



187, 165, 240

Square

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



110, 171, 194



47, 130, 244



228, 152, 211



229, 206, 110

Rectangle

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



110, 171, 194



0, 101, 206



228, 152, 211



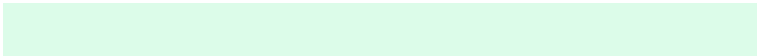
250, 149, 148

Sweetspot

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



110, 171, 194



220, 243, 252



110, 194, 141



107, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



110, 171, 194



121, 216, 252



110, 155, 194



87, 94, 97



0, 117, 161



0, 24, 33

Inverse Universe

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



194, 110, 162



252, 121, 203



194, 110, 121



97, 87, 93



161, 0, 100



33, 0, 21

Previews

White Background



This preview shows how the RYB color 110, 171, 194 looks on a white background.

Color Contrast Check

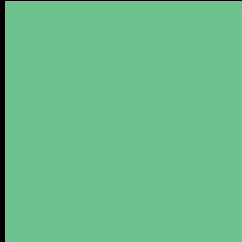
Large Text (above 18pt) WCAG AA × Fail

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 110, 171, 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 110, 171, 194 Background



This preview shows how black text looks on a background with the RYB color 110, 171, 194.

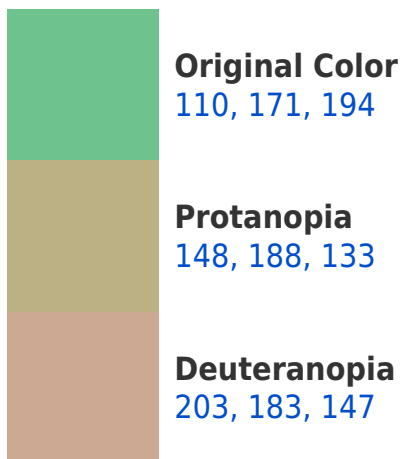


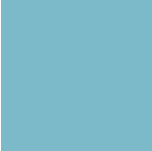
This preview shows how white text looks on a background with the RYB color 110, 171, 194.

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
124, 158, 201

Trichromacy



Original Color

110, 171, 194



Protanomaly

136, 183, 159



Deuteranomaly

145, 178, 154



Tritanomaly

119, 157, 189

Monochromacy



Original Color

110, 171, 194



Achromatopsia

163, 163, 163



Achromatomaly

144, 166, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 171, 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(110, 194, 142)` looks like.

```
.text, #text, p{  
    color:rgb(110, 194, 142)  
}
```

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(110, 194, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 194, 142) }
```

Border

The CSS property to change the border of an element to RYB 110, 171, 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(110, 194, 142) }
```

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

```
.border{ border-color:rgb(110, 194, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 194, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 194, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 194, 142);  
box-shadow:4px 4px 4px 4px rgb(110, 194,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 110, 171, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 194, 142) }
```

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

```
.background{ background-color: rgb(110,  
194, 142) }
```

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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