

Converting Colors

`RYB(114, 179, 195)`

Have a look what the booklet for
RYB(114, 179, 195) contains.

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Color

R_YB(114, 179, 195)

Conversions

Conversions Part 1

Format	Color
Hex	72C386
RGB	114, 195, 134
RGB Percent	45%, 76%, 53%
CMY	0.5529, 0.2353, 0.4748
CMYK	0.42, 0.00, 0.31, 0.24
HSL	135°, 40%, 61%
HSV	135°, 42%, 76%
XYZ	30.7533, 44.3271, 29.4669
YIQ	163.8270, -28.6950, -36.1430

Conversions

Conversions Part 2

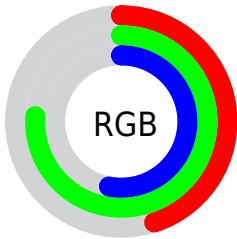
Format	Color
RYB	114, 179, 195
Decimal	7521158
CIELab	72.45, -37.98, 23.13
CIELCh	72, 44.465, 148.659
Yxy	44.3271, 0.2942, 0.4240
Android (android.graphics.Color)	4285711238 (0xFF72C386)
YUV	163.8270, -14.7047, -43.6983
Hunter-Lab	66.5786, -34.0617, 20.3640

Details

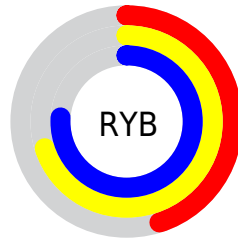
The RYB color **114, 179, 195** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **195, 114, 175**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **169, 237, 252**, and **60, 122, 141** is the 20% darker color. If you saturate the color by 10%, you get **95, 176, 195**, and if you desaturate by 10%, it is **134, 183, 195**.

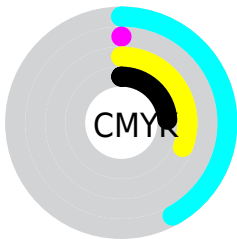
Distribution



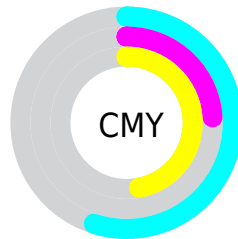
- Red (45%)
- Green (76%)
- Blue (53%)



- Red (45%)
- Yellow (70%)
- Blue (76%)



- Cyan (42%)
- Magenta (0%)
- Yellow (31%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 179, 195 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 114, 179, 195 by changing the saturation by 10% instead.

 114, 179, 195


255, 255, 255


 169, 237, 252

 197, 241, 255

 226, 244, 255

 114, 179, 195

 87, 150, 167

 60, 122, 141

 30, 93, 115


 0, 63, 90


 0, 52, 65


 0, 43, 43


 0, 16, 16


 0, 0, 0


 114, 179, 195


 114, 179, 195


 95, 176, 195


 134, 183, 195

 75, 171, 195


 153, 187, 195


 56, 168, 195

 173, 191, 195


 36, 164, 195


 192, 194, 195

 17, 160, 195

 212, 195, 207

 0, 156, 195

 231, 195, 222

 251, 195, 237

 255, 195, 252

 255, 195, 255

Harmonies

Analogous

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



104, 187, 128



114, 179, 195



43, 128, 199

Triad

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



114, 179, 195



109, 158, 255



254, 148, 141

Complementary

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



114, 179, 195



195, 114, 175

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.



252, 145, 181



114, 179, 195



179, 168, 249

Square

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



114, 179, 195



0, 108, 246



227, 153, 221



237, 194, 109

Rectangle

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



114, 179, 195



0, 100, 202



227, 153, 221



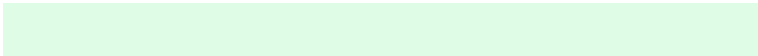
255, 146, 154

Sweetspot

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



114, 179, 195



222, 246, 252



114, 195, 133



110, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



114, 179, 195



126, 227, 252



114, 161, 195



87, 95, 97



0, 129, 161



0, 27, 33

Inverse Universe

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



195, 114, 175



252, 126, 221



195, 114, 136



97, 87, 95



161, 0, 121



33, 0, 25

Previews

White Background



This preview shows how the RYB color 114, 179, 195 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 114, 179, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

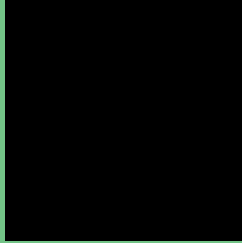
Any Text WCAG AA ✓ Pass

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 114, 179, 195 Background



This preview shows how black text looks on a background with the RYB color 114, 179, 195.

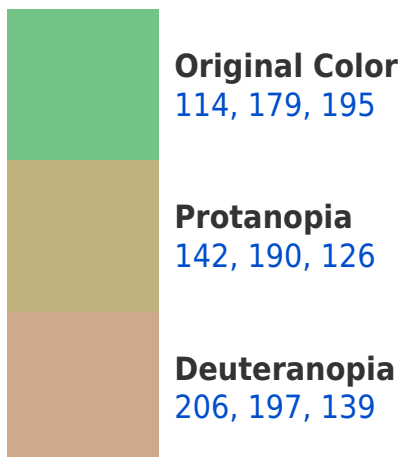


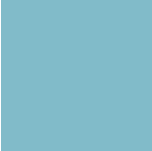
This preview shows how white text looks on a background with the RYB color 114, 179, 195.

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
129, 161, 201

Trichromacy



Original Color

114, 179, 195



Protanomaly

129, 184, 151



Deuteranomaly

137, 179, 143



Tritanomaly

124, 160, 189

Monochromacy



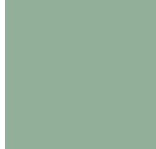
Original Color

114, 179, 195



Achromatopsia

164, 164, 164



Achromatomaly

146, 169, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 179, 195 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(114, 195, 134)` looks like.

```
.text, #text, p{  
    color:rgb(114, 195, 134)  
}
```

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(114, 195, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 195, 134) }
```

Border

The CSS property to change the border of an element to RYB 114, 179, 195 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(114, 195, 134) }
```

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

```
.border{ border-color:rgb(114, 195, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 195, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 195, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 195, 134);  
box-shadow:4px 4px 4px 4px rgb(114, 195,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 114, 179, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 195, 134) }
```

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

```
.background{ background-color: rgb(114,  
195, 134) }
```

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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