

Converting Colors

`RYB(130, 185, 195)`

Have a look what the booklet for
RYB(130, 185, 195) contains.

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Color

R_YB(130, 185, 195)

Conversions

Conversions Part 1

Format	Color
Hex	82C38E
RGB	130, 195, 142
RGB Percent	51%, 76%, 56%
CMY	0.4902, 0.2353, 0.4439
CMYK	0.33, 0.00, 0.27, 0.24
HSL	131°, 35%, 64%
HSV	131°, 33%, 76%
XYZ	33.5899, 45.7236, 32.5748
YIQ	169.5230, -21.7270, -30.2630

Conversions

Conversions Part 2

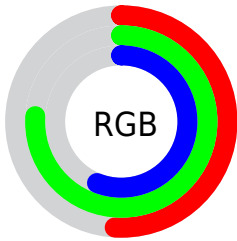
Format	Color
RYB	130, 185, 195
Decimal	8569742
CIELab	73.37, -31.69, 20.32
CIELCh	73, 37.646, 147.341
Yxy	45.7236, 0.3002, 0.4087
Android (android.graphics.Color)	4286759822 (0xFF82C38E)
YUV	169.5230, -13.5688, -34.6617
Hunter-Lab	67.6192, -29.6637, 18.7711

Details

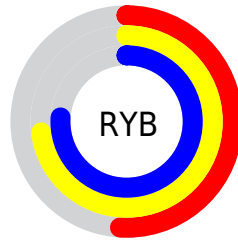
The RYB color **130, 185, 195** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **195, 130, 183**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **185, 243, 252**, and **78, 130, 141** is the 20% darker color. If you saturate the color by 10%, you get **110, 182, 195**, and if you desaturate by 10%, it is **150, 188, 195**.

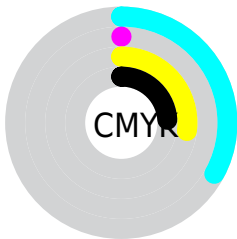
Distribution



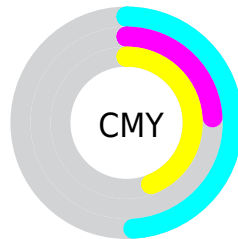
- Red (51%)
- Green (76%)
- Blue (56%)



- Red (51%)
- Yellow (73%)
- Blue (76%)



- Cyan (33%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)




- Cyan (49%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 185, 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 130, 185, 195 by changing the saturation by 10% instead.


 130, 185, 195


255, 255, 255


 185, 243, 252


 213, 246, 255

 242, 249, 255

 130, 185, 195

 104, 158, 168

 78, 130, 141

 52, 103, 115

 24, 74, 90


 0, 49, 66


 0, 43, 43


 0, 20, 20


 0, 0, 0

 130, 185, 195


 130, 185, 195

 110, 182, 195


 150, 188, 195

 91, 179, 195


 169, 191, 195

 72, 176, 195


 188, 193, 195

 52, 173, 195

 208, 195, 206

 33, 170, 195

 228, 195, 222

 13, 167, 195

 247, 195, 238

 0, 165, 195

 255, 195, 253

 255, 195, 255

Harmonies

Analogous

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



118, 188, 135



130, 185, 195



86, 149, 199

Triad

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



130, 185, 195



126, 165, 249



247, 156, 150

Complementary

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



130, 185, 195



195, 130, 183

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.



244, 154, 185



130, 185, 195



180, 172, 241

Square

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



130, 185, 195



69, 140, 237



221, 160, 218



233, 191, 123

Rectangle

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



130, 185, 195



57, 128, 200



221, 160, 218



248, 154, 161

Sweetspot

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



130, 185, 195



227, 248, 252



130, 195, 141



112, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



130, 185, 195



151, 236, 252



130, 169, 195



87, 95, 97



0, 136, 161



0, 28, 33

Inverse Universe

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



195, 130, 183



252, 151, 234



195, 130, 152



97, 87, 95



161, 0, 131



33, 0, 27

Previews

White Background



This preview shows how the RYB color 130, 185, 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 130, 185, 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 130, 185, 195 Background



This preview shows how black text looks on a background with the RYB color 130, 185, 195.

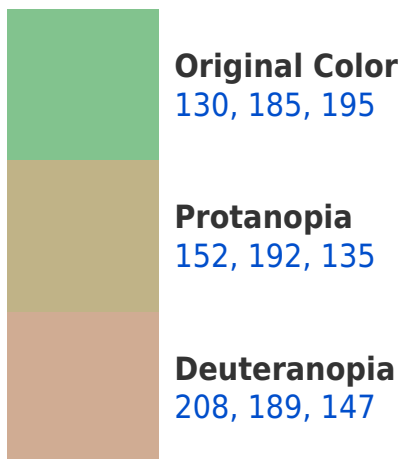


This preview shows how white text looks on a background with the RYB color 130, 185, 195.

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](#).

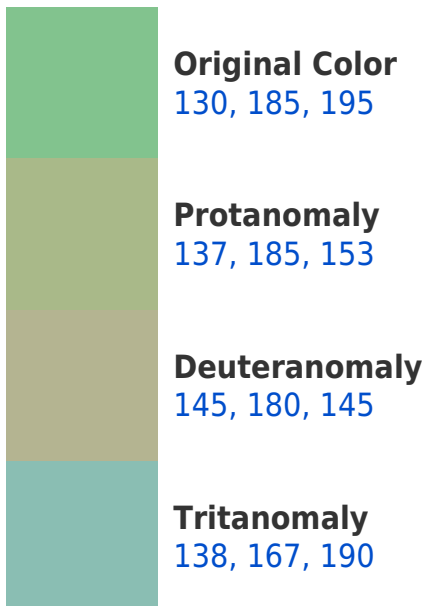
Dichromacy



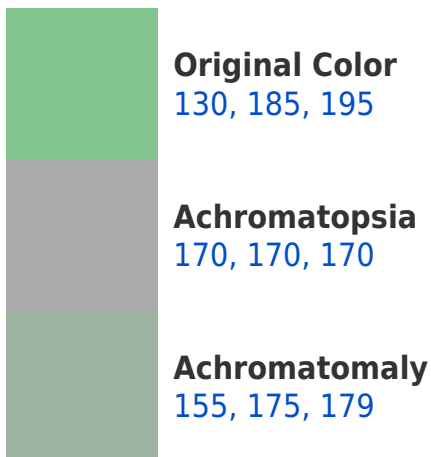


Tritanopia
142, 168, 202

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 185, 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(130, 195, 142)` looks like.

```
.text, #text, p{  
    color:rgb(130, 195, 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(130, 195, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 195, 142) }
```

Border

The CSS property to change the border of an element to RYB 130, 185, 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(130, 195, 142) }
```

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

```
.border{ border-color:rgb(130, 195, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 195, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 195, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 195, 142);  
box-shadow:4px 4px 4px 4px rgb(130, 195,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 130, 185, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 195, 142) }
```

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

```
.background{ background-color: rgb(130,  
195, 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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