

Converting Colors

`RYB(122, 185, 196)`

Have a look what the booklet for
RYB(122, 185, 196) contains.

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Color

R_YB(122, 185, 196)

Conversions

Conversions Part 1

Format	Color
Hex	7AC487
RGB	122, 196, 135
RGB Percent	48%, 77%, 53%
CMY	0.5216, 0.2314, 0.4709
CMYK	0.38, 0.00, 0.31, 0.23
HSL	130°, 39%, 62%
HSV	130°, 38%, 77%
XYZ	32.1336, 45.3645, 29.9550
YIQ	166.9200, -24.5230, -34.6590

Conversions

Conversions Part 2

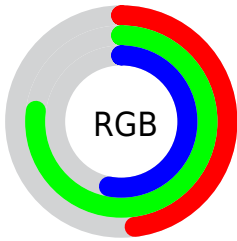
Format	Color
RYB	122, 185, 196
Decimal	8045703
CIELab	73.13, -35.87, 23.60
CIELCh	73, 42.934, 146.659
Yxy	45.3645, 0.2990, 0.4222
Android (android.graphics.Color)	4286235783 (0xFF7AC487)
YUV	166.9200, -15.7366, -39.3948
Hunter-Lab	67.3531, -32.7073, 20.7783

Details

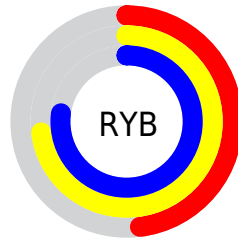
The RYB color **122, 185, 196** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **196, 122, 183**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **177, 243, 253**, and **69, 129, 142** is the 20% darker color. If you saturate the color by 10%, you get **102, 182, 196**, and if you desaturate by 10%, it is **142, 188, 196**.

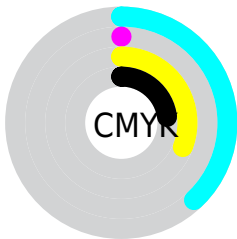
Distribution



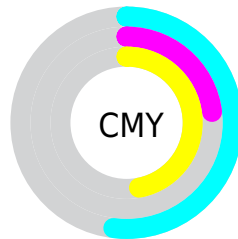
- Red (48%)
- Green (77%)
- Blue (53%)



- Red (48%)
- Yellow (73%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (31%)
- Black (23%)



- Cyan (52%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 185, 196 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 122, 185, 196 by changing the saturation by 10% instead.


 122, 185, 196


255, 255, 255


 177, 243, 253


 205, 246, 255

 234, 248, 255

 122, 185, 196

 95, 156, 168


 69, 129, 142

 41, 100, 116

 6, 68, 91


 0, 53, 66


 0, 44, 44

 0, 19, 19


 0, 0, 0


 122, 185, 196


 122, 185, 196


 102, 182, 196


 142, 188, 196


 83, 179, 196


 161, 191, 196


 63, 176, 196

 181, 194, 196


 44, 174, 196

 200, 196, 200

 24, 170, 196

 220, 196, 216

 4, 167, 196

 240, 196, 232

 0, 167, 196

 255, 196, 248

 255, 196, 255

Harmonies

Analogous

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



108, 188, 127



122, 185, 196



62, 138, 200

Triad

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



122, 185, 196



111, 160, 255



255, 151, 146

Complementary

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



122, 185, 196



196, 122, 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.



251, 149, 186



122, 185, 196



177, 171, 250

Square

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



122, 185, 196



0, 108, 244



225, 157, 223



239, 191, 115

Rectangle

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



122, 185, 196



0, 100, 201



225, 157, 223



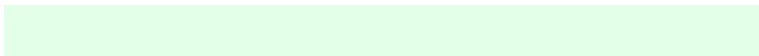
255, 149, 159

Sweetspot

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



122, 185, 196



227, 251, 255



122, 196, 134



111, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



122, 185, 196



140, 238, 255



122, 167, 196



87, 95, 97



0, 137, 161



0, 28, 33

Inverse Universe

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



196, 122, 183



255, 140, 235



196, 122, 147



97, 87, 95



161, 0, 133



33, 0, 27

Previews

White Background



This preview shows how the RYB color 122, 185, 196 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 122, 185, 196 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 122, 185, 196 Background



This preview shows how black text looks on a background with the RYB color 122, 185, 196.

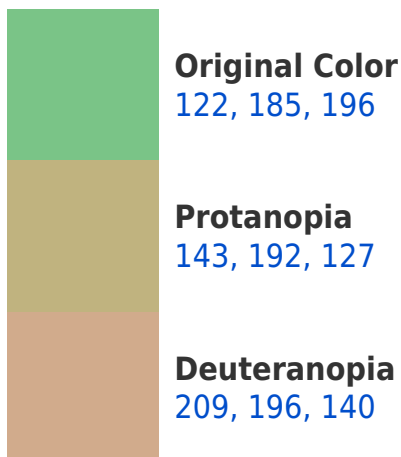


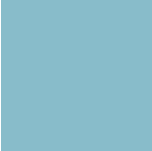
This preview shows how white text looks on a background with the RYB color 122, 185, 196.

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
136, 165, 202

Trichromacy



Original Color

122, 185, 196



Protanomaly

130, 185, 148



Deuteranomaly

138, 180, 141



Tritanomaly

131, 164, 190

Monochromacy



Original Color

122, 185, 196



Achromatopsia

167, 167, 167



Achromatomaly

151, 175, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 185, 196 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(122, 196, 135)` looks like.

```
.text, #text, p{  
    color:rgb(122, 196, 135)  
}
```

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(122, 196, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 196, 135) }
```

Border

The CSS property to change the border of an element to RYB 122, 185, 196 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(122, 196, 135) }
```

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

```
.border{ border-color:rgb(122, 196, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 196, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 196, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 196, 135);  
box-shadow:4px 4px 4px 4px rgb(122, 196,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 122, 185, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 196, 135) }
```

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

```
.background{ background-color: rgb(122,  
196, 135) }
```

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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