

Converting Colors

`RYB(122, 156, 185)`

Have a look what the booklet for
RYB(122, 156, 185) contains.

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Color

R_YB(122, 156, 185)

Conversions

Conversions Part 1

Format	Color
Hex	7AB9B0
RGB	122, 185, 176
RGB Percent	48%, 73%, 69%
CMY	0.5216, 0.2745, 0.3108
CMYK	0.34, 0.00, 0.05, 0.27
HSL	171°, 31%, 60%
HSV	171°, 34%, 73%
XYZ	33.1853, 41.9596, 47.2871
YIQ	165.1370, -34.6590, -16.1550

Conversions

Conversions Part 2

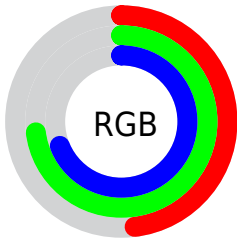
Format	Color
RYB	122, 156, 185
Decimal	8042928
CIELab	70.84, -22.25, -1.73
CIElCh	71, 22.312, 184.442
Yxy	41.9596, 0.2711, 0.3427
Android (android.graphics.Color)	4286233008 (0xFF7AB9B0)
YUV	165.1370, 5.3555, -37.8311
Hunter-Lab	64.7762, -21.9117, 2.0613

Details

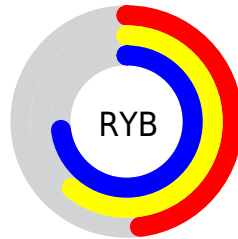
The RYB color **122, 156, 185** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **185, 122, 131**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **177, 211, 241**, and **69, 103, 132** is the 20% darker color. If you saturate the color by 10%, you get **104, 148, 185**, and if you desaturate by 10%, it is **141, 165, 185**.

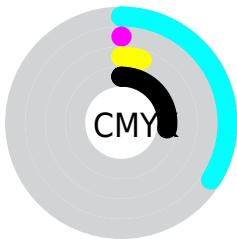
Distribution



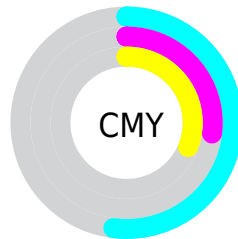
- Red (48%)
- Green (73%)
- Blue (69%)



- Red (48%)
- Yellow (61%)
- Blue (73%)



- Cyan (34%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)




- Cyan (52%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 156, 185 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, 156, 185 by changing the saturation by 10% instead.


 122, 156, 185


255, 255, 255


 177, 212, 241

 205, 230, 255

 233, 244, 255

 122, 156, 185

 96, 129, 158

 69, 103, 132

 43, 77, 106

 12, 49, 82

 0, 31, 58

 0, 20, 37

 0, 3, 7

 0, 0, 0

 122, 156, 185

 122, 156, 185

■ 104, 148, 185

■ 141, 165, 185

■ 85, 139, 185

■ 159, 173, 185

■ 67, 131, 185

■ 178, 182, 185

■ 48, 122, 185

■ 196, 185, 187

■ 30, 114, 185

■ 214, 185, 189

■ 11, 105, 185

■ 233, 185, 192

■ 0, 100, 185

■ 252, 185, 195

■ 255, 185, 197

■ 255, 185, 200

Harmonies

Analogous

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



140, 172, 183



122, 156, 185



116, 153, 196

Triad

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



122, 156, 185



181, 167, 207



204, 188, 137

Complementary

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



122, 156, 185



185, 122, 131

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.



214, 163, 151



122, 156, 185



202, 161, 191

Square

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



122, 156, 185



153, 169, 213



214, 159, 171



150, 186, 133

Rectangle

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



122, 156, 185



123, 157, 206



214, 159, 171



208, 176, 141

Sweetspot

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



122, 156, 185



216, 229, 240



122, 185, 176



105, 113, 120



247, 247, 247



120, 120, 120

Same Dimension

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



122, 156, 185



141, 195, 240



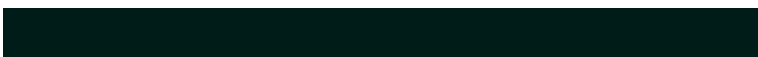
122, 147, 185



83, 88, 92



0, 84, 156



0, 15, 28

Inverse Universe

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



185, 122, 131



240, 141, 156



185, 156, 122



92, 83, 84



156, 0, 23



28, 0, 4

Previews

White Background



This preview shows how the RYB color 122, 156, 185 looks on a white background.

Color Contrast Check

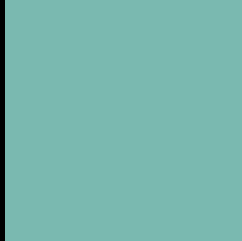
Large Text (above 18pt) WCAG AA × Fail

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, 156, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

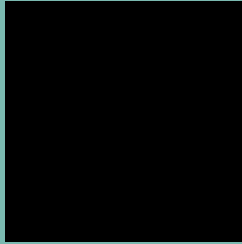
Any Text WCAG AA ✓ Pass

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, 156, 185 Background



This preview shows how black text looks on a background with the RYB color 122, 156, 185.

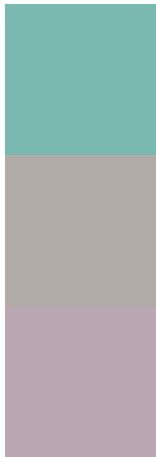


This preview shows how white text looks on a background with the RYB color 122, 156, 185.

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



Original Color
122, 156, 185

Protanopia
177, 175, 168

Deuteranopia
186, 167, 179



Tritanopia
127, 158, 197

Trichromacy



Original Color
122, 156, 185

Protanomaly
157, 169, 177

Deuteranomaly
163, 169, 178

Tritanomaly
125, 155, 189

Monochromacy



Original Color
122, 156, 185

Achromatopsia
165, 165, 165

Achromatomaly
149, 161, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 156, 185 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, 185, 176)` looks like.

```
.text, #text, p{  
    color:rgb(122, 185, 176)  
}
```

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, 185, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 185, 176) }
```

Border

The CSS property to change the border of an element to RYB 122, 156, 185 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, 185, 176) }
```

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

```
.border{ border-color:rgb(122, 185, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 185, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 185, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 185, 176);  
box-shadow:4px 4px 4px 4px rgb(122, 185,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 122, 156, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 185, 176) }
```

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

```
.background{ background-color: rgb(122,  
185, 176) }
```

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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