

Converting Colors

`RYB(121, 155, 188)`

Have a look what the booklet for
RYB(121, 155, 188) contains.

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Color

R_YB(121, 155, 188)

Conversions

Conversions Part 1

Format	Color
Hex	79BCBA
RGB	121, 188, 186
RGB Percent	47%, 74%, 73%
CMY	0.5255, 0.2627, 0.2705
CMYK	0.36, 0.00, 0.01, 0.26
HSL	178°, 33%, 61%
HSV	178°, 36%, 74%
XYZ	34.7344, 43.5778, 53.0514
YIQ	167.7390, -39.2900, -14.8260

Conversions

Conversions Part 2

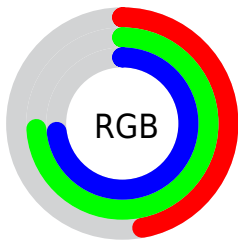
Format	Color
R _{YB}	121, 155, 188
Decimal	7978170
CIE Lab	71.95, -21.60, -5.75
CIE LCh	72, 22.353, 194.899
Yxy	43.5778, 0.2644, 0.3317
Android (android.graphics.Color)	4286168250 (0xFF79BCBA)
YUV	167.7390, 9.0027, -40.9901
Hunter-Lab	66.0135, -21.6020, -1.4387

Details

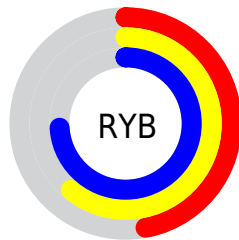
The RYB color **121, 155, 188** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **188, 121, 123**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **176, 211, 244**, and **68, 102, 135** is the 20% darker color. If you saturate the color by 10%, you get **102, 146, 188**, and if you desaturate by 10%, it is **140, 164, 188**.

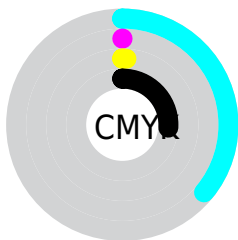
Distribution



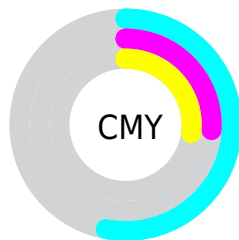
- Red (47%)
- Green (74%)
- Blue (73%)



- Red (47%)
- Yellow (61%)
- Blue (74%)



- Cyan (36%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)




- Cyan (53%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 155, 188 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 121, 155, 188 by changing the saturation by 10% instead.


 121, 155, 188


255, 255, 255


 176, 211, 244

 204, 230, 255

 233, 244, 255

 121, 155, 188

 94, 128, 161

 68, 102, 135

 40, 75, 109


 2, 43, 84


 0, 31, 61

 0, 20, 39

 0, 8, 19

 0, 0, 0

 121, 155, 188

 121, 155, 188

■ 102, 146, 188

■ 140, 164, 188

■ 83, 136, 188

■ 159, 174, 188

■ 65, 128, 188

■ 177, 183, 188

■ 46, 118, 188

■ 196, 188, 188

■ 27, 109, 188

■ 215, 188, 189

■ 8, 99, 188

■ 234, 188, 189

■ 0, 96, 188

■ 253, 188, 190

■ 255, 188, 190

■ 255, 188, 191

Harmonies

Analogous

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



136, 169, 187



121, 155, 188



121, 157, 204

Triad

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



121, 155, 188



192, 168, 205



193, 201, 137

Complementary

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



121, 155, 188



188, 121, 123

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.



215, 171, 148



121, 155, 188



211, 163, 188

Square

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



121, 155, 188



166, 174, 215



218, 162, 167



140, 181, 137

Rectangle

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



121, 155, 188



132, 163, 213



218, 162, 167



207, 191, 140

Sweetspot

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



121, 155, 188



218, 232, 245



121, 188, 186



106, 114, 122



250, 250, 250



122, 122, 122

Same Dimension

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



121, 155, 188



140, 193, 245



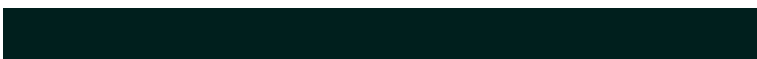
121, 144, 188



85, 90, 94



0, 80, 158



0, 16, 31

Inverse Universe

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



188, 121, 123



245, 140, 143



188, 179, 121



94, 85, 85



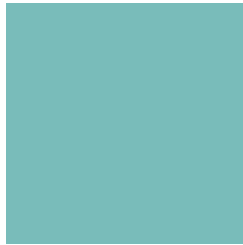
158, 0, 5



31, 0, 1

Previews

White Background



This preview shows how the RYB color 121, 155, 188 looks on a white background.

Color Contrast Check

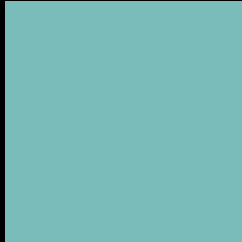
Large Text (above 18pt) WCAG AA × Fail

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 121, 155, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

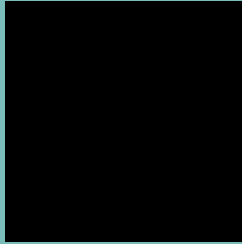
Any Text WCAG AA ✓ Pass

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 121, 155, 188 Background



This preview shows how black text looks on a background with the RYB color 121, 155, 188.

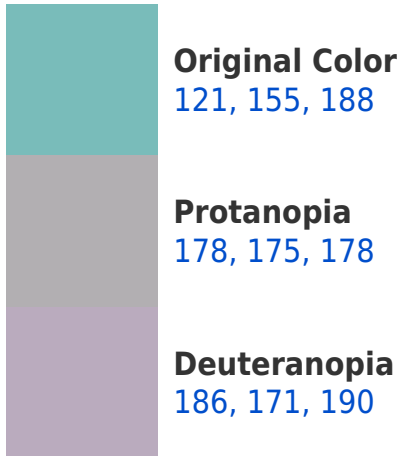


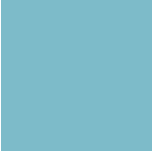
This preview shows how white text looks on a background with the RYB color 121, 155, 188.

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](#).

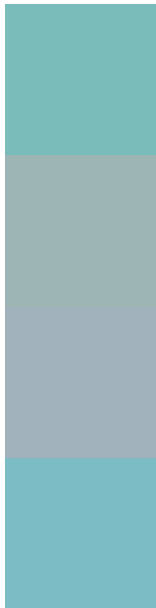
Dichromacy





Tritanopia
125, 159, 201

Trichromacy



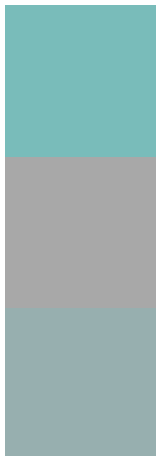
Original Color
121, 155, 188

Protanomaly
157, 169, 181

Deuteranomaly
162, 172, 189

Tritanomaly
124, 158, 196

Monochromacy



Original Color
121, 155, 188

Achromatopsia
168, 168, 168

Achromatomaly
151, 163, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 155, 188 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(121, 188, 186)` looks like.

```
.text, #text, p{  
    color:rgb(121, 188, 186)  
}
```

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(121, 188, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 188, 186) }
```

Border

The CSS property to change the border of an element to RYB 121, 155, 188 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(121, 188, 186) }
```

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

```
.border{ border-color:rgb(121, 188, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 188, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 188, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 188, 186);  
box-shadow:4px 4px 4px 4px rgb(121, 188,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 121, 155, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 188, 186) }
```

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

```
.background{ background-color: rgb(121,  
188, 186) }
```

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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