

Converting Colors

`RYB(121, 152, 182)`

Have a look what the booklet for
RYB(121, 152, 182) contains.

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Color

$\text{RYB}(121, 152, 182)$

Conversions

Conversions Part 1

Format	Color
Hex	79B6B4
RGB	121, 182, 180
RGB Percent	47%, 71%, 71%
CMY	0.5255, 0.2863, 0.2940
CMYK	0.34, 0.00, 0.01, 0.29
HSL	178°, 29%, 59%
HSV	178°, 34%, 71%
XYZ	32.8546, 40.8174, 49.3442
YIQ	163.5330, -35.7140, -13.5540

Conversions

Conversions Part 2

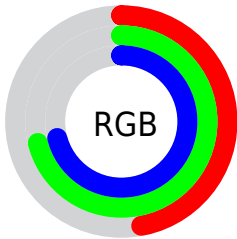
Format	Color
RYB	121, 152, 182
Decimal	7976628
CIELab	70.05, -19.99, -5.26
CIELCh	70, 20.673, 194.753
Yxy	40.8174, 0.2671, 0.3318
Android (android.graphics.Color)	4286166708 (0xFF79B6B4)
YUV	163.5330, 8.1182, -37.3014
Hunter-Lab	63.8885, -20.0115, -1.0705

Details

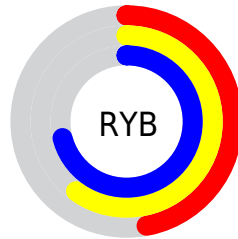
The RYB color **121, 152, 182** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **182, 121, 123**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **176, 208, 238**, and **68, 99, 129** is the 20% darker color. If you saturate the color by 10%, you get **103, 143, 182**, and if you desaturate by 10%, it is **139, 161, 182**.

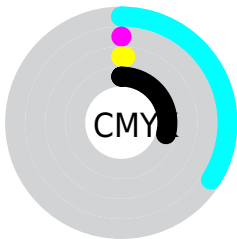
Distribution



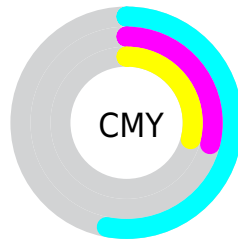
- Red (47%)
- Green (71%)
- Blue (71%)



- Red (47%)
- Yellow (60%)
- Blue (71%)



- Cyan (34%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)




- Cyan (53%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 152, 182 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, 152, 182 by changing the saturation by 10% instead.


 121, 152, 182


255, 255, 255

 176, 208, 238

 204, 230, 255

 232, 244, 255

 121, 152, 182


 95, 126, 155

 68, 99, 129

 42, 74, 104


 9, 44, 79


 0, 28, 56

 0, 18, 35

 0, 1, 13


 0, 0, 0

 121, 152, 182


 121, 152, 182

 103, 143, 182


 139, 161, 182

 85, 134, 182


 157, 170, 182


 66, 125, 182

 176, 179, 182


 48, 116, 182

 194, 182, 182

 30, 107, 182

 212, 182, 183

 12, 98, 182

 230, 182, 184

 0, 93, 182

 248, 182, 184

 255, 182, 185

Harmonies

Analogous

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



134, 164, 181



121, 152, 182



121, 154, 197

Triad

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



121, 152, 182



186, 163, 198



185, 194, 135

Complementary

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



121, 152, 182



182, 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.



207, 166, 146



121, 152, 182



203, 159, 182

Square

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



121, 152, 182



162, 169, 207



210, 158, 162



138, 176, 135

Rectangle

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



121, 152, 182



131, 159, 205



210, 158, 162



199, 186, 138

Sweetspot

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



121, 152, 182



213, 225, 237



121, 182, 180



105, 113, 120



247, 247, 247



120, 120, 120

Same Dimension

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



121, 152, 182



142, 190, 237



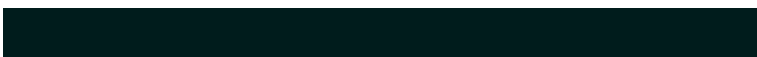
121, 142, 182



83, 88, 92



0, 79, 156



0, 14, 28

Inverse Universe

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



182, 121, 123



237, 142, 145



182, 173, 121



92, 83, 83



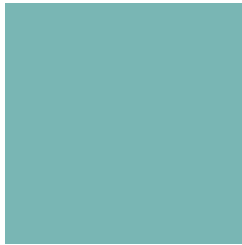
156, 0, 5



28, 0, 1

Previews

White Background



This preview shows how the RYB color 121, 152, 182 looks on a white background.

Color Contrast Check

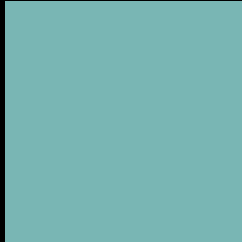
Large Text (above 18pt) WCAG AA × Fail

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, 152, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

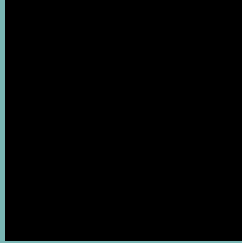
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

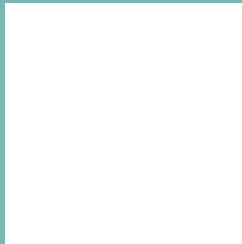
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 121, 152, 182 Background



This preview shows how black text looks on a background with the RYB color 121, 152, 182.

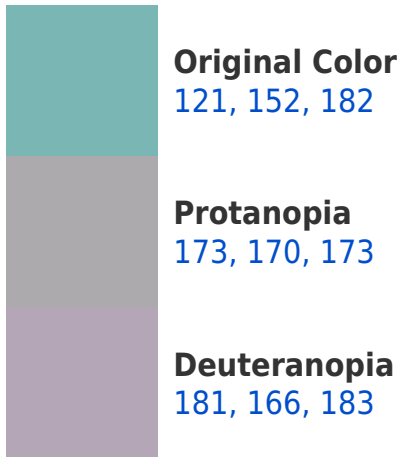


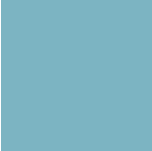
This preview shows how white text looks on a background with the RYB color 121, 152, 182.

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
124, 155, 194

Trichromacy



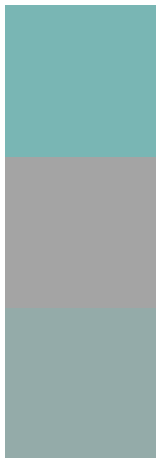
Original Color
121, 152, 182

Protanomaly
154, 164, 176

Deuteranomaly
159, 167, 182

Tritanomaly
123, 154, 189

Monochromacy



Original Color
121, 152, 182

Achromatopsia
164, 164, 164

Achromatomaly
148, 160, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 152, 182 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, 182, 180)` looks like.

```
.text, #text, p{  
    color:rgb(121, 182, 180)  
}
```

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, 182, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 182, 180) }
```

Border

The CSS property to change the border of an element to RYB 121, 152, 182 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, 182, 180) }
```

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

```
.border{ border-color:rgb(121, 182, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 182, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 182, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 182, 180);  
box-shadow:4px 4px 4px 4px rgb(121, 182,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 121, 152, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 182, 180) }
```

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

```
.background{ background-color: rgb(121,  
182, 180) }
```

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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