

Converting Colors

`RYB(121, 160, 190)`

Have a look what the booklet for
RYB(121, 160, 190) contains.

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Color

R_YB(121, 160, 190)

Conversions

Conversions Part 1

Format	Color
Hex	79BEAE
RGB	121, 190, 174
RGB Percent	47%, 75%, 68%
CMY	0.5255, 0.2549, 0.3173
CMYK	0.36, 0.00, 0.08, 0.25
HSL	166°, 35%, 61%
HSV	166°, 36%, 75%
XYZ	33.9461, 43.9509, 46.7779
YIQ	167.5450, -35.9880, -19.6040

Conversions

Conversions Part 2

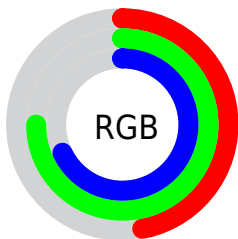
Format	Color
RYB	121, 160, 190
Decimal	7978670
CIELab	72.20, -25.41, 1.15
CIElCh	72, 25.431, 177.409
Yxy	43.9509, 0.2723, 0.3525
Android (android.graphics.Color)	4286168750 (0xFF79BEAE)
YUV	167.5450, 3.1823, -40.8200
Hunter-Lab	66.2954, -24.6174, 4.5719

Details

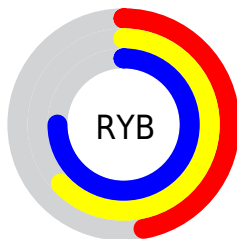
The RYB color **121, 160, 190** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **190, 121, 137**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **176, 217, 247**, and **68, 106, 136** is the 20% darker color. If you saturate the color by 10%, you get **102, 152, 190**, and if you desaturate by 10%, it is **140, 168, 190**.

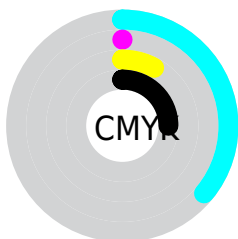
Distribution



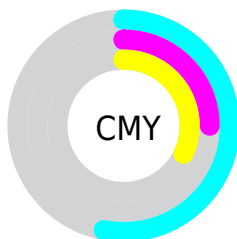
- Red (47%)
- Green (75%)
- Blue (68%)



- Red (47%)
- Yellow (63%)
- Blue (75%)



- Cyan (36%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 160, 190 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, 160, 190 by changing the saturation by 10% instead.

 121, 160, 190


255, 255, 255


 176, 216, 247


 204, 230, 255

 233, 244, 255

 121, 160, 190

 94, 133, 163

 68, 106, 136

 41, 80, 111

 6, 50, 86

 0, 34, 62


 0, 23, 40

 0, 11, 15


 0, 0, 0

 121, 160, 190


 121, 160, 190

 102, 152, 190


 140, 168, 190

 83, 144, 190


 159, 176, 190

 64, 135, 190


 178, 185, 190

 45, 127, 190

 197, 190, 192

 26, 119, 190

 216, 190, 196

 7, 110, 190

 235, 190, 200

 0, 107, 190

 254, 190, 205

 255, 190, 209

 255, 190, 214

Harmonies

Analogous

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



145, 182, 187



121, 160, 190



109, 151, 198

Triad

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



121, 160, 190



178, 172, 218



215, 183, 139

Complementary

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



121, 160, 190



190, 121, 137

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.



224, 161, 157



121, 160, 190



205, 164, 202

Square

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



121, 160, 190



146, 170, 223



221, 160, 180



162, 196, 131

Rectangle

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



121, 160, 190



113, 155, 210



221, 160, 180



219, 173, 144

Sweetspot

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



121, 160, 190



220, 235, 247



121, 190, 174



109, 118, 125



252, 252, 252



125, 125, 125

Same Dimension

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



121, 160, 190



139, 200, 247



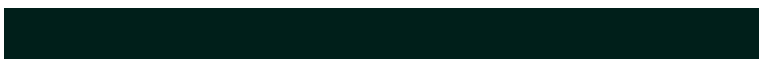
121, 150, 190



85, 90, 94



0, 89, 158



0, 17, 31

Inverse Universe

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



190, 121, 137



247, 139, 164



190, 145, 121



94, 85, 87



158, 0, 36



31, 0, 7

Previews

White Background



This preview shows how the RYB color 121, 160, 190 looks on a white background.

Color Contrast Check

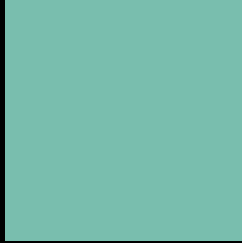
Large Text (above 18pt) WCAG AA × Fail

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, 160, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

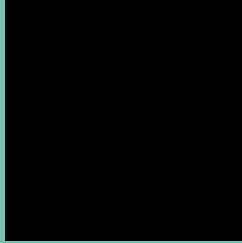
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

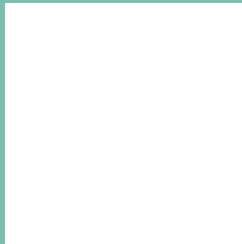
Any Text WCAG AAA ✓ Pass

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

RYB 121, 160, 190 Background



This preview shows how black text looks on a background with the RYB color 121, 160, 190.

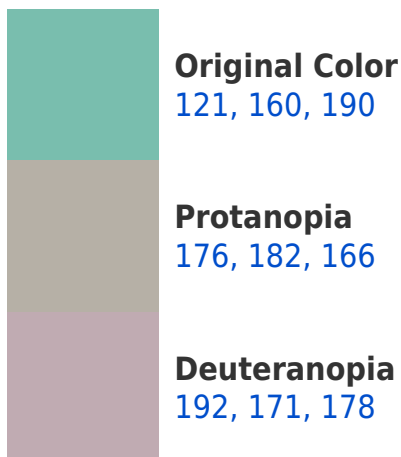


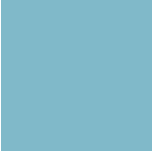
This preview shows how white text looks on a background with the RYB color 121, 160, 190.

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
128, 160, 201

Trichromacy



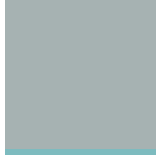
Original Color

121, 160, 190



Protanomaly

160, 175, 181



Deuteranomaly

166, 172, 178



Tritanomaly

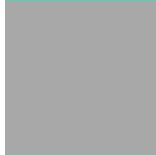
125, 157, 191

Monochromacy



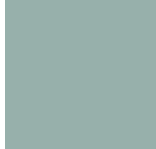
Original Color

121, 160, 190



Achromatopsia

168, 168, 168



Achromatomaly

151, 165, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 160, 190 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, 190, 174)` looks like.

```
.text, #text, p{  
    color:rgb(121, 190, 174)  
}
```

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, 190, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 190, 174) }
```

Border

The CSS property to change the border of an element to RYB 121, 160, 190 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, 190, 174) }
```

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

```
.border{ border-color:rgb(121, 190, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 190, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 190, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 190, 174); box-shadow:4px 4px 4px 4px rgb(121, 190, 174) }
```

Background

The CSS property to change the background color of an element to RYB 121, 160, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 190, 174) }
```

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

```
.background{ background-color: rgb(121,  
190, 174) }
```

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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