

Converting Colors

`RYB(121, 160, 173)`

Have a look what the booklet for
RYB(121, 160, 173) contains.

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Color

R_YB(121, 160, 173)

Conversions

Conversions Part 1

Format	Color
Hex	79AD8A
RGB	121, 173, 138
RGB Percent	47%, 68%, 54%
CMY	0.5255, 0.3216, 0.4575
CMYK	0.30, 0.00, 0.20, 0.32
HSL	140°, 24%, 58%
HSV	140°, 30%, 68%
XYZ	27.4404, 35.7967, 29.6347
YIQ	153.4620, -19.7570, -21.9090

Conversions

Conversions Part 2

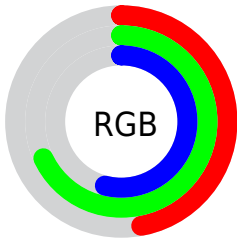
Format	Color
RYB	121, 160, 173
Decimal	7974282
CIELab	66.36, -24.56, 12.40
CIElCh	66, 27.509, 153.217
Yxy	35.7967, 0.2955, 0.3854
Android (android.graphics.Color)	4286164362 (0xFF79AD8A)
YUV	153.4620, -7.6228, -28.4692
Hunter-Lab	59.8304, -22.8367, 12.5142

Details

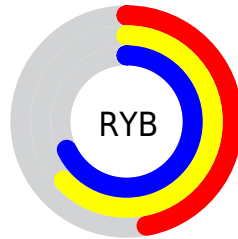
The RYB color **121, 160, 173** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **173, 121, 156**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **175, 217, 229**, and **70, 107, 120** is the 20% darker color. If you saturate the color by 10%, you get **104, 156, 173**, and if you desaturate by 10%, it is **138, 164, 173**.

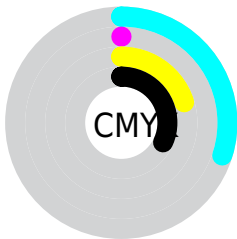
Distribution



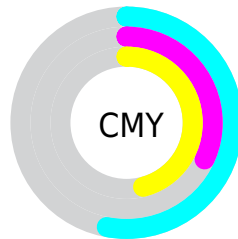
- Red (47%)
- Green (68%)
- Blue (54%)



- Red (47%)
- Yellow (63%)
- Blue (68%)



- Cyan (30%)
- Magenta (0%)
- Yellow (20%)
- Black (32%)




- Cyan (53%)
- Magenta (32%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 160, 173 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, 173 by changing the saturation by 10% instead.


 121, 160, 173


255, 255, 255


 175, 216, 229

 202, 242, 255


 231, 245, 255

 121, 160, 173

 95, 133, 146

 70, 107, 120

 46, 81, 95

 21, 56, 71


 0, 33, 48

 0, 29, 29


 0, 0, 0

 121, 160, 173


 104, 156, 173

 121, 160, 173


 138, 164, 173


 86, 151, 173


 156, 169, 173

 69, 147, 173


 173, 173, 173

 52, 143, 173

 190, 173, 184


 34, 138, 173

 208, 173, 196

 17, 134, 173

 225, 173, 208

 0, 130, 173

 242, 173, 219

 255, 173, 231

 255, 173, 242

Harmonies

Analogous

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



119, 168, 137



121, 160, 173



95, 138, 175

Triad

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



121, 160, 173



133, 155, 210



210, 147, 135

Complementary

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



121, 160, 173



173, 121, 156

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.



209, 143, 160



121, 160, 173



168, 154, 203

Square

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



121, 160, 173



100, 142, 205



195, 146, 184



198, 177, 118

Rectangle

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



121, 160, 173



85, 131, 180



195, 146, 184



211, 144, 143

Sweetspot

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



121, 160, 173



204, 219, 224



121, 173, 138



100, 109, 112



240, 240, 240



112, 112, 112

Same Dimension

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



121, 160, 173



144, 204, 224



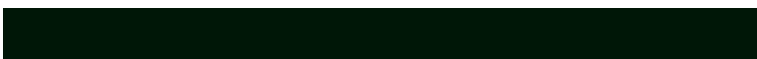
121, 149, 173



78, 85, 87



0, 113, 150



0, 17, 23

Inverse Universe

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



173, 121, 156



224, 144, 197



173, 121, 130



87, 78, 84



150, 0, 100



23, 0, 15

Previews

White Background



This preview shows how the RYB color 121, 160, 173 looks on a white background.

Color Contrast Check

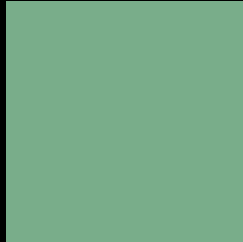
Large Text (above 18pt) WCAG AA × Fail

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, 173 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

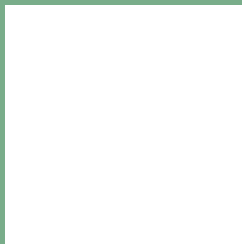
Any Text WCAG AAA ✓ Pass

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

RYB 121, 160, 173 Background



This preview shows how black text looks on a background with the RYB color 121, 160, 173.

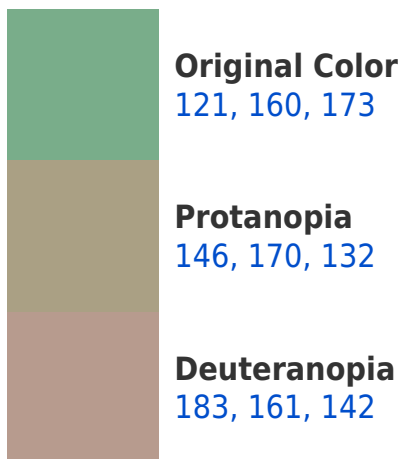


This preview shows how white text looks on a background with the RYB color 121, 160, 173.

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
129, 151, 181

Trichromacy



Original Color
121, 160, 173

Protanomaly
134, 165, 147

Deuteranomaly
141, 162, 143

Tritanomaly
126, 149, 169

Monochromacy



Original Color
121, 160, 173

Achromatopsia
154, 154, 154

Achromatomaly
142, 156, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 160, 173 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, 173, 138)` looks like.

```
.text, #text, p{  
    color:rgb(121, 173, 138)  
}
```

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, 173, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 173, 138) }
```

Border

The CSS property to change the border of an element to RYB 121, 160, 173 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, 173, 138) }
```

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

```
.border{ border-color:rgb(121, 173, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 173, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 173, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 173, 138);  
box-shadow:4px 4px 4px 4px rgb(121, 173,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 121, 160, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 173, 138) }
```

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

```
.background{ background-color: rgb(121,  
173, 138) }
```

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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