

Converting Colors

`RYB(121, 162, 205)`

Have a look what the booklet for
RYB(121, 162, 205) contains.

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Color

R_YB(121, 162, 205)

Conversions

Conversions Part 1

Format	Color
Hex	79C9CD
RGB	121, 201, 205
RGB Percent	47%, 79%, 80%
CMY	0.5255, 0.2114, 0.1961
CMYK	0.41, 0.02, 0.00, 0.20
HSL	183°, 46%, 64%
HSV	183°, 41%, 80%
XYZ	39.8129, 50.2894, 65.3661
YIQ	177.5360, -48.9640, -15.7160

Conversions

Conversions Part 2

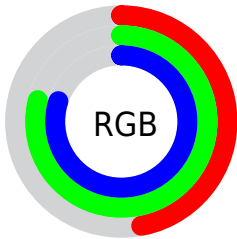
Format	Color
R _{YB}	121, 162, 205
Decimal	7981517
CIE Lab	76.25, -23.51, -9.67
CIE LCh	76, 25.417, 202.366
Yxy	50.2894, 0.2561, 0.3235
Android (android.graphics.Color)	4286171597 (0xFF79C9CD)
YUV	177.5360, 13.5398, -49.5821
Hunter-Lab	70.9150, -23.8882, -5.0102

Details

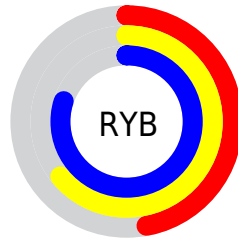
The RYB color **121, 162, 205** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **205, 125, 121**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **177, 216, 255**, and **65, 107, 151** is the 20% darker color. If you saturate the color by 10%, you get **101, 152, 205**, and if you desaturate by 10%, it is **142, 173, 205**.

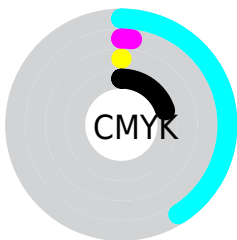
Distribution



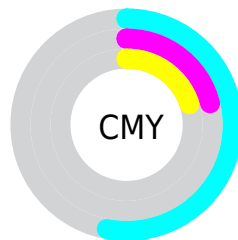
- Red (47%)
- Green (79%)
- Blue (80%)



- Red (47%)
- Yellow (64%)
- Blue (80%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)




- Cyan (53%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 162, 205 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, 162, 205 by changing the saturation by 10% instead.


 121, 162, 205


255, 255, 255

 177, 216, 255

 206, 231, 255

 235, 245, 255


 121, 162, 205

 93, 134, 178


 65, 107, 151

 33, 78, 125

 0, 49, 100


 0, 37, 76


 0, 26, 54


 0, 15, 32


 0, 0, 8


 0, 0, 0

 121, 162, 205


 121, 162, 205

 101, 152, 205


 142, 173, 205

 80, 141, 205


 162, 183, 205

 60, 131, 205


 183, 194, 205

 39, 120, 205

 203, 204, 205

 19, 110, 205

 224, 206, 205

 0, 100, 205

 244, 207, 205

 255, 208, 205

 255, 209, 205

 255, 211, 205

Harmonies

Analogous

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



135, 174, 201



121, 162, 205



127, 168, 224

Triad

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



121, 162, 205



213, 176, 217



186, 211, 142

Complementary

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



121, 162, 205



205, 125, 121

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.



229, 189, 152



121, 162, 205



231, 172, 195

Square

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



121, 162, 205



184, 184, 231



236, 172, 171



144, 192, 149

Rectangle

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



121, 162, 205



142, 175, 232



236, 172, 171



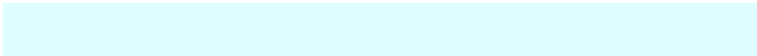
214, 218, 144

Sweetspot

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



121, 162, 205



224, 239, 255



121, 202, 205



110, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



121, 162, 205



130, 191, 255



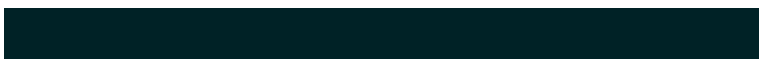
121, 148, 205



92, 97, 102



0, 81, 166



0, 18, 38

Inverse Universe

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



205, 121, 201



255, 130, 249



194, 205, 121



102, 92, 102



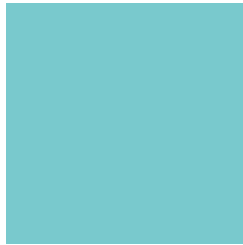
166, 0, 158



38, 0, 36

Previews

White Background



This preview shows how the RYB color 121, 162, 205 looks on a white background.

Color Contrast Check

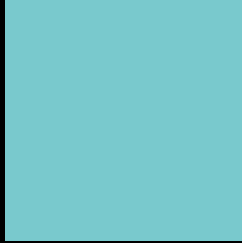
Large Text (above 18pt) WCAG AA × Fail

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, 162, 205 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

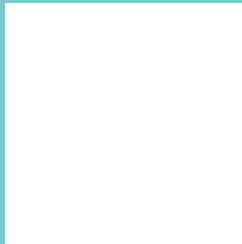
Any Text WCAG AAA ✓ Pass

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

RYB 121, 162, 205 Background



This preview shows how black text looks on a background with the RYB color 121, 162, 205.

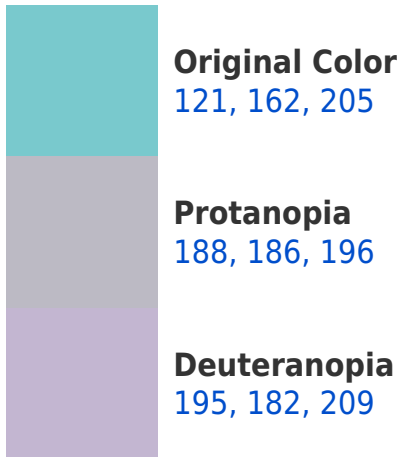


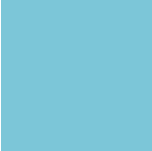
This preview shows how white text looks on a background with the RYB color 121, 162, 205.

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, 165, 216

Trichromacy



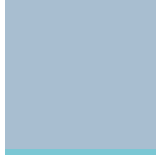
Original Color

121, 162, 205



Protanomaly

164, 179, 199



Deuteranomaly

168, 182, 208



Tritanomaly

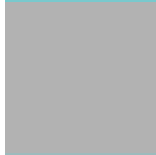
123, 164, 212

Monochromacy



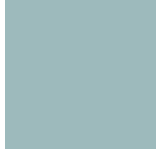
Original Color

121, 162, 205



Achromatopsia

178, 178, 178



Achromatomaly

157, 172, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 162, 205 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, 201, 205)` looks like.

```
.text, #text, p{  
    color:rgb(121, 201, 205)  
}
```

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, 201, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 201, 205) }
```

Border

The CSS property to change the border of an element to RYB 121, 162, 205 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, 201, 205) }
```

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

```
.border{ border-color:rgb(121, 201, 205) }
```

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

Here you see how a box with a 4 pixel rgb(121, 201, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 201, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 201, 205);  
box-shadow:4px 4px 4px 4px rgb(121, 201,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 121, 162, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 201, 205) }
```

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

```
.background{ background-color: rgb(121,  
201, 205) }
```

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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