

Converting Colors

`RYB(121, 182, 213)`

Have a look what the booklet for
RYB(121, 182, 213) contains.

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Color

R_YB(121, 182, 213)

Conversions

Conversions Part 1

Format	Color
Hex	79D5A8
RGB	121, 213, 168
RGB Percent	47%, 84%, 66%
CMY	0.5255, 0.1647, 0.3421
CMYK	0.43, 0.00, 0.21, 0.16
HSL	150°, 52%, 65%
HSV	150°, 43%, 84%
XYZ	38.7244, 54.4714, 45.3988
YIQ	180.3620, -40.3870, -33.4990

Conversions

Conversions Part 2

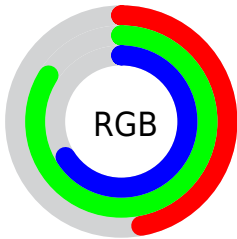
Format	Color
RYB	121, 182, 213
Decimal	7984552
CIELab	78.74, -37.68, 13.92
CIELCh	79, 40.166, 159.718
Yxy	54.4714, 0.2794, 0.3930
Android (android.graphics.Color)	4286174632 (0xFF79D5A8)
YUV	180.3620, -6.0945, -52.0605
Hunter-Lab	73.8048, -35.5017, 15.1928

Details

The RYB color **121, 182, 213** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **213, 121, 166**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **177, 226, 255**, and **65, 125, 158** is the 20% darker color. If you saturate the color by 10%, you get **100, 175, 213**, and if you desaturate by 10%, it is **142, 189, 213**.

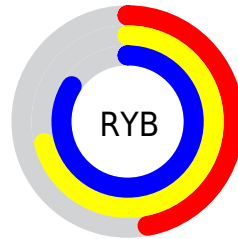
Distribution



Red (47%)

Green (84%)

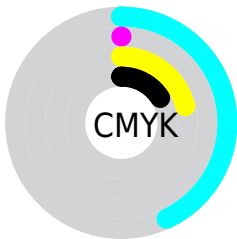
Blue (66%)



Red (47%)

Yellow (71%)

Blue (84%)

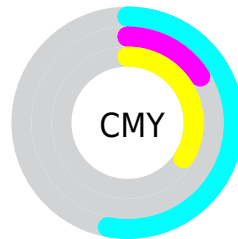


Cyan (43%)

Magenta (0%)

Yellow (21%)

Black (16%)



Cyan (53%)


Magenta (16%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 182, 213 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, 182, 213 by changing the saturation by 10% instead.


 121, 182, 213


255, 255, 255


 177, 226, 255

 206, 231, 255

 235, 245, 255

 121, 182, 213

 93, 153, 185

 65, 125, 158

 34, 95, 131


 0, 64, 105


 0, 52, 81

 0, 40, 57

 0, 37, 37


 0, 0, 0


 121, 182, 213


 121, 182, 213

 100, 175, 213


 142, 189, 213

 78, 167, 213


 164, 196, 213

 57, 161, 213

 185, 204, 213

 36, 153, 213

 206, 210, 213

 14, 146, 213

 228, 213, 220

 0, 141, 213

 249, 213, 231

 255, 213, 241

 255, 213, 252

 255, 213, 255

Harmonies

Analogous

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



136, 207, 176



121, 182, 213



72, 146, 215

Triad

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



121, 182, 213



161, 185, 255



255, 178, 149

Complementary

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



121, 182, 213



213, 121, 166

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.



255, 166, 184



121, 182, 213



215, 181, 252

Square

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



121, 182, 213



98, 162, 255



252, 170, 222



237, 241, 125

Rectangle

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



121, 182, 213



47, 135, 231



252, 170, 222



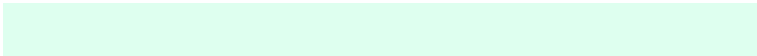
255, 170, 160

Sweetspot

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



121, 182, 213



222, 244, 255



121, 213, 167



107, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



121, 182, 213



122, 210, 255



121, 167, 213



96, 103, 107



0, 113, 171



0, 28, 43

Inverse Universe

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



213, 121, 166



255, 122, 188



213, 121, 121



107, 96, 102



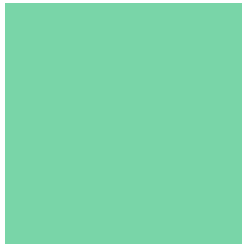
171, 0, 84



43, 0, 21

Previews

White Background



This preview shows how the RYB color 121, 182, 213 looks on a white background.

Color Contrast Check

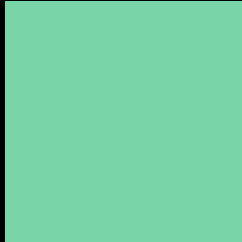
Large Text (above 18pt) WCAG AA × Fail

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, 182, 213 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, 182, 213 Background



This preview shows how black text looks on a background with the RYB color 121, 182, 213.

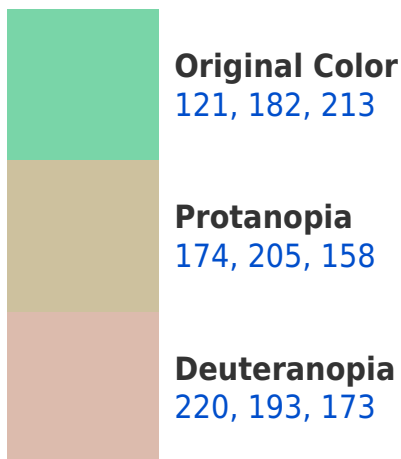


This preview shows how white text looks on a background with the RYB color 121, 182, 213.

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
134, 174, 222

Trichromacy



Original Color

121, 182, 213



Protanomaly

162, 200, 188



Deuteranomaly

171, 196, 183



Tritanomaly

129, 171, 209

Monochromacy



Original Color

121, 182, 213



Achromatopsia

180, 180, 180



Achromatomaly

159, 181, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 182, 213 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, 213, 168)` looks like.

```
.text, #text, p{  
    color:rgb(121, 213, 168)  
}
```

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, 213, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 213, 168) }
```

Border

The CSS property to change the border of an element to RYB 121, 182, 213 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, 213, 168) }
```

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

```
.border{ border-color:rgb(121, 213, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 213, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 213, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 213, 168); box-shadow:4px 4px 4px 4px rgb(121, 213, 168) }
```

Background

The CSS property to change the background color of an element to RYB 121, 182, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 213, 168) }
```

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

```
.background{ background-color: rgb(121,  
213, 168) }
```

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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