

Converting Colors

`RYB(121, 187, 201)`

Have a look what the booklet for
RYB(121, 187, 201) contains.

RYB(121, 187, 201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(121, 187, 201)$

Conversions

Conversions Part 1

Format	Color
Hex	79C98A
RGB	121, 201, 138
RGB Percent	47%, 79%, 54%
CMY	0.5255, 0.2118, 0.4589
CMYK	0.40, 0.00, 0.31, 0.21
HSL	133°, 43%, 63%
HSV	133°, 40%, 79%
XYZ	33.3571, 47.6723, 31.4768
YIQ	169.8980, -27.4570, -36.5530

Conversions

Conversions Part 2

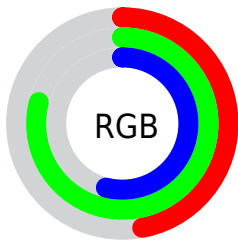
Format	Color
RYB	121, 187, 201
Decimal	7981450
CIELab	74.62, -37.91, 23.99
CIELCh	75, 44.865, 147.669
Yxy	47.6723, 0.2965, 0.4237
Android (android.graphics.Color)	4286171530 (0xFF79C98A)
YUV	169.8980, -15.7257, -42.8835
Hunter-Lab	69.0452, -34.5922, 21.3020

Details

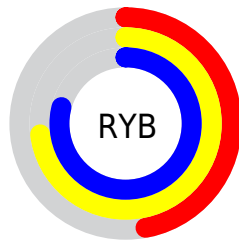
The RYB color **121, 187, 201** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **201, 121, 184**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **176, 242, 255**, and **67, 129, 146** is the 20% darker color. If you saturate the color by 10%, you get **101, 184, 201**, and if you desaturate by 10%, it is **141, 190, 201**.

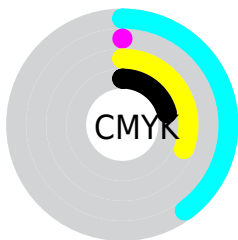
Distribution



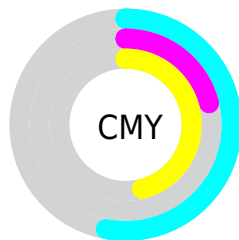
- Red (47%)
- Green (79%)
- Blue (54%)



- Red (47%)
- Yellow (73%)
- Blue (79%)



- Cyan (40%)
- Magenta (0%)
- Yellow (31%)
- Black (21%)




- Cyan (53%)
- Magenta (21%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 187, 201 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, 187, 201 by changing the saturation by 10% instead.


 121, 187, 201


255, 255, 255


 176, 242, 255


 205, 243, 255

 234, 247, 255

 121, 187, 201

 94, 158, 173

 67, 130, 146

 39, 101, 120


 0, 66, 95


 0, 55, 70


 0, 47, 47


 0, 25, 25


 0, 0, 0


 121, 187, 201


 121, 187, 201


 101, 184, 201


 141, 190, 201


 81, 180, 201


 161, 194, 201

 61, 177, 201

 181, 198, 201

 41, 173, 201

 201, 201, 201

 21, 170, 201

 222, 201, 217

 0, 166, 201

 242, 201, 233

 255, 201, 249

 255, 201, 255

Harmonies

Analogous

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



109, 193, 131



121, 187, 201



53, 136, 205

Triad

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



121, 187, 201



112, 162, 255



255, 154, 147

Complementary

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



121, 187, 201



201, 121, 184

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, 151, 188



121, 187, 201



183, 174, 255

Square

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



121, 187, 201



0, 111, 252



232, 159, 228



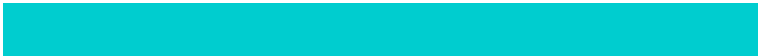
245, 196, 115

Rectangle

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



121, 187, 201



0, 103, 207



232, 159, 228



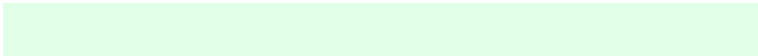
255, 151, 161

Sweetspot

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



121, 187, 201



224, 249, 255



121, 201, 137



110, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



121, 187, 201



133, 234, 255



121, 168, 201



90, 97, 99



0, 134, 163



0, 29, 36

Inverse Universe

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



201, 121, 184



255, 133, 229



201, 121, 145



99, 90, 97



163, 0, 129



36, 0, 28

Previews

White Background



This preview shows how the RYB color 121, 187, 201 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, 187, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

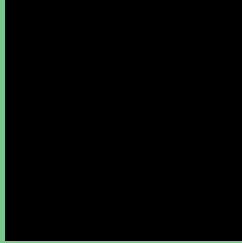
Any Text WCAG AA ✓ Pass

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, 187, 201 Background



This preview shows how black text looks on a background with the RYB color 121, 187, 201.

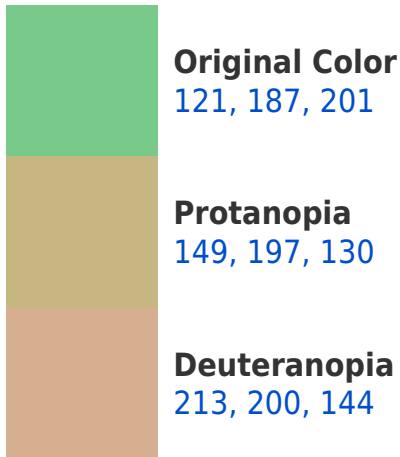


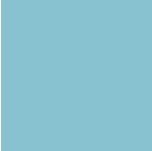
This preview shows how white text looks on a background with the RYB color 121, 187, 201.

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
136, 168, 208

Trichromacy



Original Color

121, 187, 201



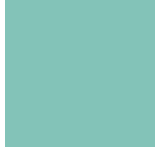
Protanomaly

133, 189, 153



Deuteranomaly

142, 184, 146



Tritanomaly

131, 166, 195

Monochromacy



Original Color

121, 187, 201



Achromatopsia

170, 170, 170



Achromatomaly

152, 176, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 187, 201 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(121, 201, 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, 201, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 201, 138) }
```

Border

The CSS property to change the border of an element to RYB 121, 187, 201 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, 138) }
```

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

```
.border{ border-color:rgb(121, 201, 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, 201, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 201, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 201, 138); box-shadow:4px 4px 4px 4px rgb(121, 201, 138) }
```

Background

The CSS property to change the background color of an element to RYB 121, 187, 201 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, 138) }
```

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

```
.background{ background-color: rgb(121,  
201, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor