

Converting Colors

`RYB(121, 201, 159)`

Have a look what the booklet for
RYB(121, 201, 159) contains.

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Color

R_YB(121, 201, 159)

Conversions

Conversions Part 1

Format	Color
Hex	A3C979
RGB	163, 201, 121
RGB Percent	64%, 79%, 47%
CMY	0.3608, 0.2118, 0.5255
CMYK	0.19, 0.00, 0.40, 0.21
HSL	88°, 43%, 63%
HSV	88°, 40%, 79%
XYZ	39.4421, 50.9403, 25.8428
YIQ	180.5180, 3.0320, -32.9360

Conversions

Conversions Part 2

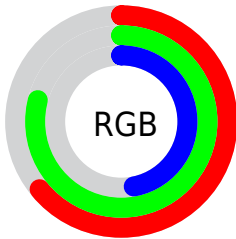
Format	Color
RYB	121, 201, 159
Decimal	10733945
CIELab	76.64, -26.38, 35.90
CIELCh	77, 44.549, 126.308
Yxy	50.9403, 0.3394, 0.4383
Android (android.graphics.Color)	4288924025 (0xFFA3C979)
YUV	180.5180, -29.3424, -15.3633
Hunter-Lab	71.3725, -26.2586, 28.4928

Details

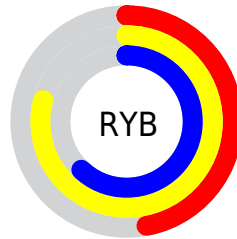
The RYB color **121, 201, 159** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **159, 121, 201**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **174, 255, 210**, and **71, 147, 108** is the 20% darker color. If you saturate the color by 10%, you get **101, 201, 149**, and if you desaturate by 10%, it is **141, 201, 169**.

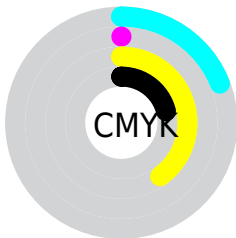
Distribution



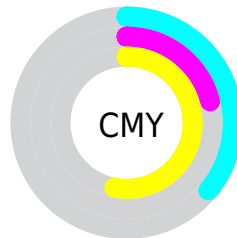
- Red (64%)
- Green (79%)
- Blue (47%)



- Red (47%)
- Yellow (79%)
- Blue (62%)



- Cyan (19%)
- Magenta (0%)
- Yellow (40%)
- Black (21%)



- Cyan (36%)
- Magenta (21%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 201, 159 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, 201, 159 by changing the saturation by 10% instead.

 121, 201, 159


255, 255, 255


 174, 255, 210

 202, 255, 209

 230, 255, 230

 121, 201, 159

 95, 174, 133

 71, 147, 108

 47, 121, 84

 22, 96, 59

 0, 72, 38

 0, 49, 41

 0, 30, 30

 0, 0, 0


 121, 201, 159

 121, 201, 159

 101, 201, 149

 141, 201, 169

 81, 201, 138

 161, 201, 180

 61, 201, 128

 181, 201, 190

 41, 201, 117

 201, 201, 201

 21, 201, 107

 211, 201, 222

 0, 201, 95

 220, 201, 242

 230, 201, 255

 239, 201, 255

 249, 201, 255

Harmonies

Analogous

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



126, 207, 106



121, 201, 159



111, 178, 208

Triad

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



121, 201, 159



54, 139, 255



255, 156, 182

Complementary

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



121, 201, 159



159, 121, 201

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.



248, 162, 223



121, 201, 159



141, 175, 255

Square

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



121, 201, 159



0, 111, 237



205, 175, 255



255, 166, 142

Rectangle

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



121, 201, 159



67, 147, 211



205, 175, 255



255, 157, 196

Sweetspot

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



121, 201, 159



224, 255, 239



201, 190, 121



110, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



121, 201, 159



133, 255, 191



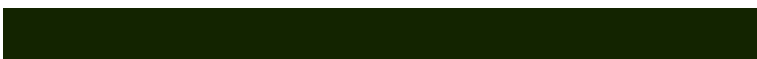
121, 201, 198



90, 99, 94



0, 163, 77



0, 36, 17

Inverse Universe

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



159, 121, 201



191, 133, 255



198, 121, 201



94, 90, 99



78, 0, 163



17, 0, 36

Previews

White Background



This preview shows how the RYB color 121, 201, 159 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, 201, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

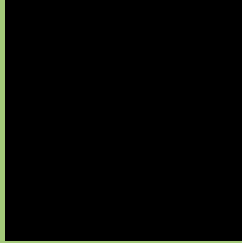
Any Text WCAG AA ✓ Pass

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, 201, 159 Background



This preview shows how black text looks on a background with the RYB color 121, 201, 159.



This preview shows how white text looks on a background with the RYB color 121, 201, 159.

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](#).

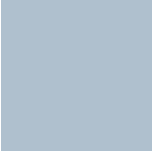
Dichromacy



Original Color
121, 201, 159

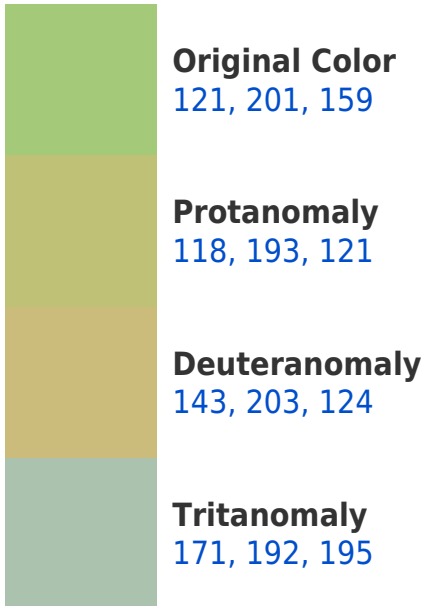
Protanopia
137, 206, 116

Deuteranopia
211, 226, 126

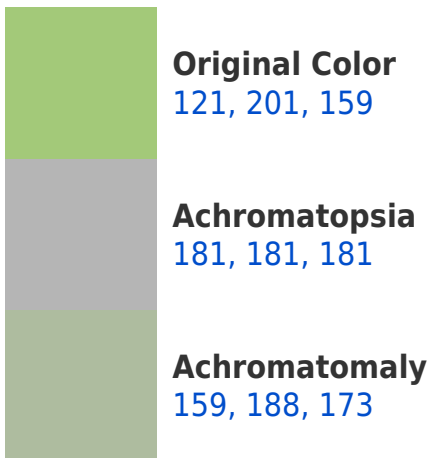


Tritanopia
175, 186, 206

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 201, 159 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(163, 201, 121)` looks like.

```
.text, #text, p{  
    color:rgb(163, 201, 121)  
}
```

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(163, 201, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 201, 121) }
```

Border

The CSS property to change the border of an element to RYB 121, 201, 159 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(163, 201, 121) }
```

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

```
.border{ border-color:rgb(163, 201, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 201, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 201, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 201, 121); box-shadow:4px 4px 4px 4px rgb(163, 201, 121) }
```

Background

The CSS property to change the background color of an element to RYB 121, 201, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 201, 121) }
```

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

```
.background{ background-color: rgb(163,  
201, 121) }
```

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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