

Converting Colors

`RYB(121, 240, 139)`

Have a look what the booklet for
RYB(121, 240, 139) contains.

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Color

R_YB(121, 240, 139)

Conversions

Conversions Part 1

Format	Color
Hex	DEF079
RGB	222, 240, 121
RGB Percent	87%, 94%, 47%
CMY	0.1294, 0.0588, 0.5255
CMYK	0.07, 0.00, 0.50, 0.06
HSL	69°, 80%, 71%
HSV	69°, 50%, 94%
XYZ	64.7355, 79.2302, 29.9702
YIQ	221.0520, 27.4710, -40.8250

Conversions

Conversions Part 2

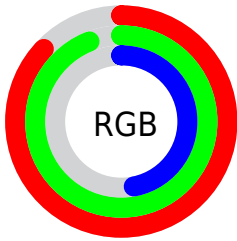
Format	Color
RYB	121, 240, 139
Decimal	14610553
CIELab	91.34, -22.75, 54.97
CIELCh	91, 59.488, 112.482
Yxy	79.2302, 0.3722, 0.4555
Android (android.graphics.Color)	4292800633 (0xFFDEF079)
YUV	221.0520, -49.3256, 0.8314
Hunter-Lab	89.0114, -25.9519, 42.3450

Details

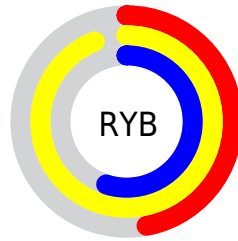
The RYB color **121, 240, 139** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **139, 121, 240**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **176, 255, 176**, and **68, 184, 87** is the 20% darker color. If you saturate the color by 10%, you get **97, 240, 119**, and if you desaturate by 10%, it is **145, 240, 159**.

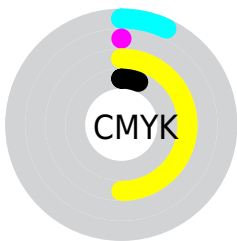
Distribution



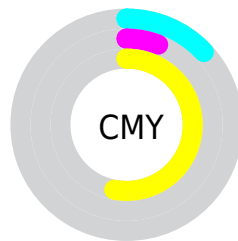
- Red (87%)
- Green (94%)
- Blue (47%)



- Red (47%)
- Yellow (94%)
- Blue (55%)



- Cyan (7%)
- Magenta (0%)
- Yellow (50%)
- Black (6%)



- Cyan (13%)
- Magenta (6%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 240, 139 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, 240, 139 by changing the saturation by 10% instead.

 121, 240, 139

255, 255, 255

 176, 255, 176


 204, 255, 204


 233, 255, 233


 121, 240, 139


 94, 212, 113

 68, 184, 87

 40, 157, 60

 4, 131, 25

 0, 106, 23

 0, 82, 24

 0, 59, 28

 0, 37, 35

 0, 9, 9

 121, 240, 139

 121, 240, 139

 97, 240, 119

 145, 240, 159

 73, 240, 98

 169, 240, 180

 49, 240, 78

 193, 240, 200

 25, 240, 58

 217, 240, 220

 1, 240, 37

 240, 240, 241

 0, 240, 36

 244, 240, 255

 247, 240, 255

 251, 240, 255

 255, 240, 255

Harmonies

Analogous

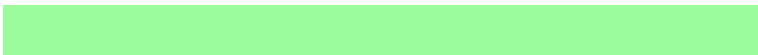
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



158, 255, 115



121, 240, 139



155, 249, 252

Triad

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



121, 240, 139



0, 127, 255



255, 184, 247

Complementary

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



121, 240, 139



139, 121, 240

Split Complementary

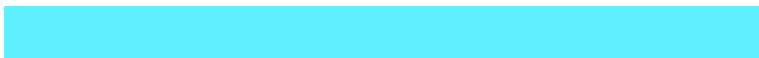
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 199, 255



121, 240, 139



95, 171, 255

Square

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



121, 240, 139



0, 128, 255



212, 219, 255



255, 186, 190

Rectangle

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



121, 240, 139



95, 194, 255



212, 219, 255



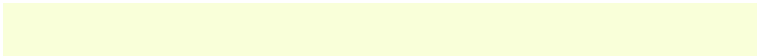
255, 188, 255

Sweetspot

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



121, 240, 139



217, 255, 223



240, 142, 121



105, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



121, 240, 139



102, 255, 125



121, 240, 198



108, 120, 110



0, 184, 28



0, 56, 8

Inverse Universe

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



139, 121, 240



125, 102, 255



198, 121, 240



110, 108, 120



28, 0, 184



8, 0, 56

Previews

White Background



This preview shows how the RYB color 121, 240, 139 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, 240, 139 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, 240, 139 Background



This preview shows how black text looks on a background with the RYB color 121, 240, 139.

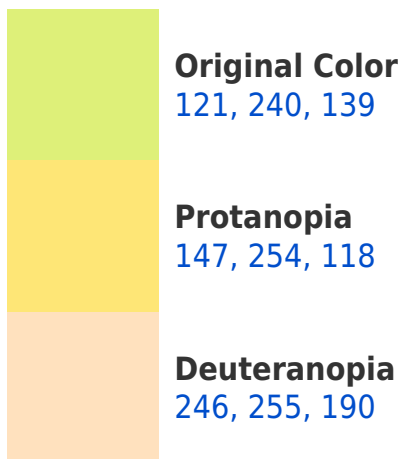


This preview shows how white text looks on a background with the RYB color 121, 240, 139.

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](#).

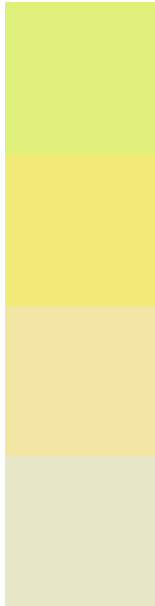
Dichromacy





Tritanopia
236, 226, 244

Trichromacy



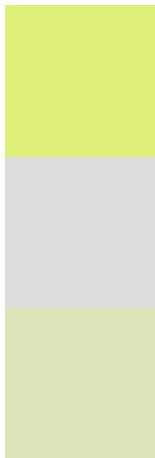
Original Color
121, 240, 139

Protanomaly
128, 242, 119

Deuteranomaly
181, 243, 165

Tritanomaly
199, 231, 199

Monochromacy



Original Color
121, 240, 139

Achromatopsia
221, 221, 221

Achromatomaly
185, 228, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 240, 139 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(222, 240, 121)` looks like.

```
.text, #text, p{  
    color:rgb(222, 240, 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(222, 240, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 240, 121) }
```

Border

The CSS property to change the border of an element to RYB 121, 240, 139 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(222, 240, 121) }
```

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

```
.border{ border-color:rgb(222, 240, 121) }
```

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

Here you see how a box with a 4 pixel rgb(222, 240, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 240, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 240, 121);  
box-shadow:4px 4px 4px 4px rgb(222, 240,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 121, 240, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 240, 121) }
```

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

```
.background{ background-color: rgb(222,  
240, 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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