

Converting Colors

`RYB(119, 234, 193)`

Have a look what the booklet for
RYB(119, 234, 193) contains.

RYB(119, 234, 193)	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

R_YB(119, 234, 193)

Conversions

Conversions Part 1

Format	Color
Hex	A0EA77
RGB	160, 234, 119
RGB Percent	63%, 92%, 47%
CMY	0.3725, 0.0824, 0.5333
CMYK	0.32, 0.00, 0.49, 0.08
HSL	99°, 73%, 69%
HSV	99°, 49%, 92%
XYZ	47.2498, 67.6511, 28.0204
YIQ	198.7640, -7.1890, -51.4530

Conversions

Conversions Part 2

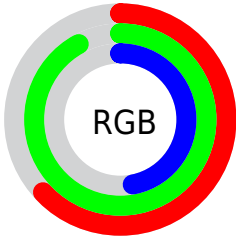
Format	Color
RYB	119, 234, 193
Decimal	10545783
CIELab	85.83, -42.84, 48.36
CIELCh	86, 64.606, 131.539
Yxy	67.6511, 0.3306, 0.4733
Android (android.graphics.Color)	4288735863 (0xFFA0EA77)
YUV	198.7640, -39.3237, -33.9960
Hunter-Lab	82.2503, -41.3963, 37.3767

Details

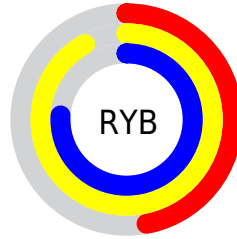
The RYB color **119, 234, 193** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **193, 119, 234**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **173, 255, 211**, and **67, 178, 141** is the 20% darker color. If you saturate the color by 10%, you get **96, 234, 185**, and if you desaturate by 10%, it is **142, 234, 201**.

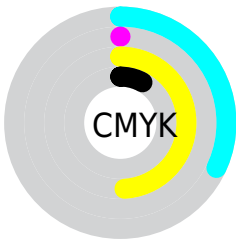
Distribution



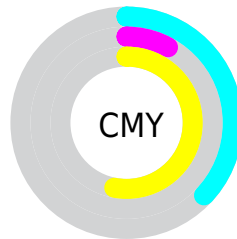
- Red (63%)
- Green (92%)
- Blue (47%)



- Red (47%)
- Yellow (92%)
- Blue (76%)



- Cyan (32%)
- Magenta (0%)
- Yellow (49%)
- Black (8%)



- Cyan (37%)
- Magenta (8%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 234, 193 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 119, 234, 193 by changing the saturation by 10% instead.

 119, 234, 193

255, 255, 255


 173, 255, 211


 201, 255, 209


 230, 255, 230

 119, 234, 193

 93, 206, 167

 67, 178, 141

 40, 151, 114

 7, 124, 83

 0, 99, 88

 0, 74, 74

 0, 51, 51

 0, 29, 29

 0, 0, 0

■ 119, 234, 193

■ 119, 234, 193

■ 96, 234, 185

■ 142, 234, 201

■ 72, 234, 176

■ 166, 234, 210

■ 49, 234, 168

■ 189, 234, 218

■ 25, 234, 159

■ 213, 234, 227

■ 2, 234, 151

■ 235, 234, 236

■ 0, 234, 151

■ 250, 234, 255

■ 255, 234, 255

Harmonies

Analogous

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



96, 227, 88



119, 234, 193



52, 169, 243

Triad

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



119, 234, 193



0, 121, 255



255, 162, 193

Complementary

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



119, 234, 193



193, 119, 234

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, 168, 255



119, 234, 193



151, 190, 255

Square

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



119, 234, 193



0, 124, 255



250, 189, 255



255, 194, 136

Rectangle

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



119, 234, 193



0, 130, 245



250, 189, 255



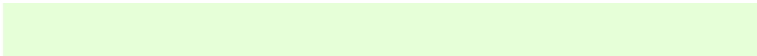
255, 161, 214

Sweetspot

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



119, 234, 193



217, 255, 242



185, 234, 119



105, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



119, 234, 193



105, 255, 202



119, 221, 234



106, 117, 113



0, 181, 116



0, 54, 35

Inverse Universe

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



193, 119, 234



201, 105, 255



234, 119, 219



113, 106, 117



117, 0, 181



34, 0, 54

Previews

White Background



This preview shows how the RYB color 119, 234, 193 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 119, 234, 193 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 119, 234, 193 Background



This preview shows how black text looks on a background with the RYB color 119, 234, 193.

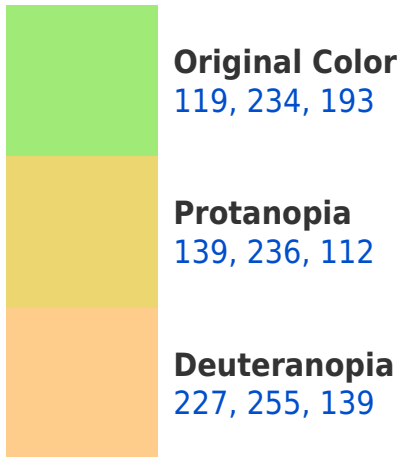


This preview shows how white text looks on a background with the RYB color 119, 234, 193.

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





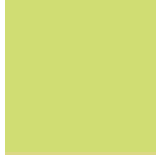
Tritanopia
179, 204, 238

Trichromacy



Original Color

119, 234, 193



Protanomaly

115, 221, 128



Deuteranomaly

136, 220, 132



Tritanomaly

172, 210, 226

Monochromacy



Original Color

119, 234, 193



Achromatopsia

199, 199, 199



Achromatomaly

170, 212, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 234, 193 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(160, 234, 119)` looks like.

```
.text, #text, p{  
    color:rgb(160, 234, 119)  
}
```

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(160, 234, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 234, 119) }
```

Border

The CSS property to change the border of an element to RYB 119, 234, 193 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(160, 234, 119) }
```

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

```
.border{ border-color:rgb(160, 234, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 234, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 234, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 234, 119);  
box-shadow:4px 4px 4px 4px rgb(160, 234,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 119, 234, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 234, 119) }
```

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

```
.background{ background-color: rgb(160,  
234, 119) }
```

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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