

Converting Colors

`RYB(119, 222, 239)`

Have a look what the booklet for
RYB(119, 222, 239) contains.

RYB(119, 222, 239)	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, 222, 239)

Conversions

Conversions Part 1

Format	Color
Hex	77EF8B
RGB	119, 239, 139
RGB Percent	47%, 94%, 55%
CMY	0.5333, 0.0627, 0.4557
CMYK	0.50, 0.00, 0.42, 0.06
HSL	130°, 79%, 70%
HSV	130°, 50%, 94%
XYZ	43.1203, 67.5134, 35.1105
YIQ	191.7200, -39.4200, -56.5400

Conversions

Conversions Part 2

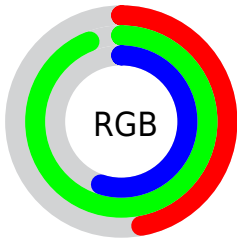
Format	Color
RYB	119, 222, 239
Decimal	7860107
CIELab	85.76, -54.44, 38.30
CIELCh	86, 66.563, 144.868
Yxy	67.5134, 0.2959, 0.4632
Android (android.graphics.Color)	4286050187 (0xFF77EF8B)
YUV	191.7200, -25.9910, -63.7754
Hunter-Lab	82.1665, -50.1161, 32.1814

Details

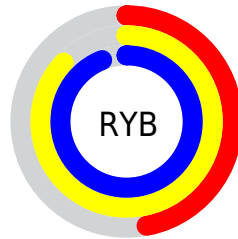
The RYB color **119, 222, 239** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **239, 119, 219**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **178, 242, 255**, and **57, 158, 182** is the 20% darker color. If you saturate the color by 10%, you get **95, 218, 239**, and if you desaturate by 10%, it is **143, 225, 239**.

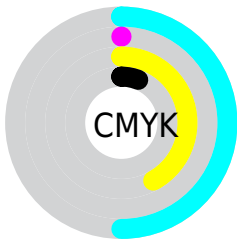
Distribution



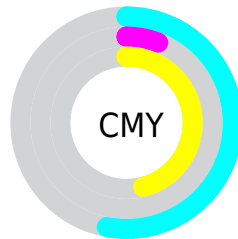
- Red (47%)
- Green (94%)
- Blue (55%)



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



- Cyan (50%)
- Magenta (0%)
- Yellow (42%)
- Black (6%)



- Cyan (53%)
- Magenta (6%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 222, 239 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, 222, 239 by changing the saturation by 10% instead.

 119, 222, 239


255, 255, 255


 178, 242, 255

 207, 244, 255

 237, 247, 255

 119, 222, 239

 89, 190, 210

 57, 158, 182

 6, 114, 155

 0, 99, 128

 0, 93, 102

 0, 76, 76

 0, 53, 53

 0, 29, 29

 0, 0, 0

■ 119, 222, 239

■ 119, 222, 239

■ 95, 218, 239

■ 143, 225, 239

■ 71, 215, 239

■ 167, 229, 239

■ 47, 212, 239

■ 191, 232, 239

■ 23, 208, 239

■ 215, 236, 239

■ 0, 205, 239

■ 238, 239, 239

■ 255, 239, 255

Harmonies

Analogous

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



94, 227, 123



119, 222, 239



0, 135, 245

Triad

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



119, 222, 239



0, 120, 255



255, 164, 165

Complementary

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



119, 222, 239



239, 119, 219

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, 160, 228



119, 222, 239



200, 202, 255

Square

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



119, 222, 239



0, 123, 255



255, 177, 255



253, 255, 112

Rectangle

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



119, 222, 239



0, 123, 246



255, 177, 255



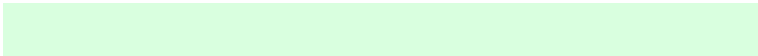
255, 160, 185

Sweetspot

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



119, 222, 239



217, 250, 255



119, 239, 137



105, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



119, 222, 239



102, 234, 255



119, 192, 239



108, 118, 120



0, 158, 184



0, 48, 56

Inverse Universe

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



239, 119, 219



255, 102, 230



239, 119, 161



120, 108, 118



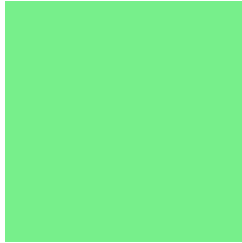
184, 0, 153



56, 0, 47

Previews

White Background



This preview shows how the RYB color 119, 222, 239 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, 222, 239 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, 222, 239 Background



This preview shows how black text looks on a background with the RYB color 119, 222, 239.

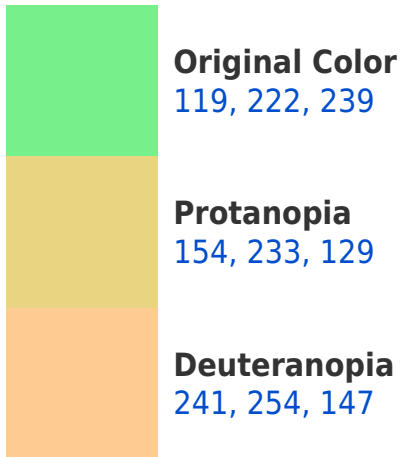



This preview shows how white text looks on a background with the RYB color 119, 222, 239.

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
144, 190, 245

Trichromacy



Original Color

119, 222, 239



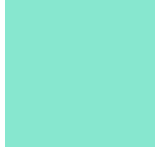
Protanomaly

133, 222, 163



Deuteranomaly

144, 217, 156



Tritanomaly

135, 190, 231

Monochromacy



Original Color

119, 222, 239



Achromatopsia

192, 192, 192



Achromatomaly

165, 202, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 222, 239 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(119, 239, 139)` looks like.

```
.text, #text, p{  
    color:rgb(119, 239, 139)  
}
```

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(119, 239, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 239, 139) }
```

Border

The CSS property to change the border of an element to RYB 119, 222, 239 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(119, 239, 139) }
```

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

```
.border{ border-color:rgb(119, 239, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 239, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 239, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 239, 139); box-shadow:4px 4px 4px 4px rgb(119, 239, 139) }
```

Background

The CSS property to change the background color of an element to RYB 119, 222, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 239, 139) }
```

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

```
.background{ background-color: rgb(119,  
239, 139) }
```

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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