

Converting Colors

`RYB(139, 252, 141)`

Have a look what the booklet for
RYB(139, 252, 141) contains.

RYB(139, 252, 141)	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(139, 252, 141)

Conversions

Conversions Part 1

Format	Color
Hex	FAFC8B
RGB	250, 252, 139
RGB Percent	98%, 99%, 55%
CMY	0.0196, 0.0118, 0.4549
CMYK	0.01, 0.00, 0.45, 0.01
HSL	61°, 95%, 77%
HSV	61°, 45%, 99%
XYZ	78.8949, 91.8089, 37.9888
YIQ	238.5200, 35.0810, -35.5670

Conversions

Conversions Part 2

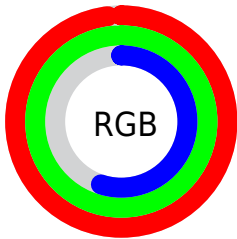
Format	Color
RYB	139, 252, 141
Decimal	16448651
CIELab	96.74, -16.06, 53.59
CIELCh	97, 55.939, 106.680
Yxy	91.8089, 0.3780, 0.4399
Android (android.graphics.Color)	4294638731 (0xFFFFAFC8B)
YUV	238.5200, -49.0634, 10.0680
Hunter-Lab	95.8170, -20.7041, 43.5650

Details

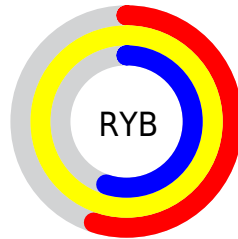
The RYB color **139, 252, 141** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **141, 139, 252**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **194, 255, 194**, and **86, 196, 90** is the 20% darker color. If you saturate the color by 10%, you get **114, 252, 116**, and if you desaturate by 10%, it is **164, 252, 166**.

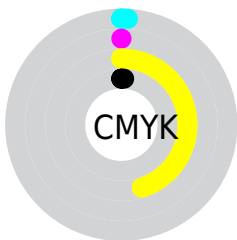
Distribution



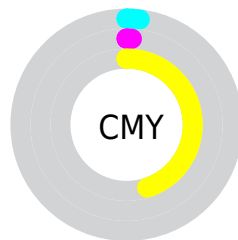
- Red (98%)
- Green (99%)
- Blue (55%)



- Red (55%)
- Yellow (99%)
- Blue (55%)



- Cyan (1%)
- Magenta (0%)
- Yellow (45%)
- Black (1%)



- Cyan (2%)
- Magenta (1%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 252, 141 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 139, 252, 141 by changing the saturation by 10% instead.

 139, 252, 141

255, 255, 255

 194, 255, 194

 223, 255, 223


252, 255, 252


 139, 252, 141

 112, 223, 114

 86, 196, 90

 59, 168, 64

 32, 142, 38

 0, 117, 9

 0, 92, 10

 0, 69, 12

 0, 46, 15

 0, 27, 27

 139, 252, 141

 139, 252, 141

 114, 252, 116

 164, 252, 166

 89, 252, 92

 189, 252, 190

 63, 252, 66

 215, 252, 216

 38, 252, 42

 240, 252, 240

 13, 252, 17

 252, 252, 255

 0, 252, 4

 253, 252, 255

 254, 252, 255

Harmonies

Analogous

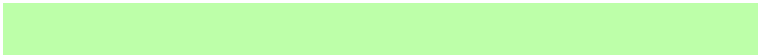
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165, 255, 139



139, 252, 141



169, 255, 235

Triad

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



139, 252, 141



0, 128, 255



255, 205, 255

Complementary

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



139, 252, 141



141, 139, 252

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, 220, 255



139, 252, 141



109, 182, 255

Square

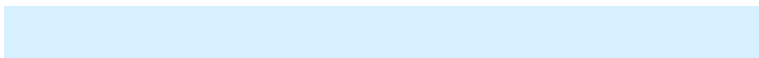
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



139, 252, 141



0, 128, 255



214, 230, 255



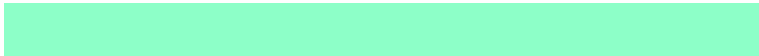
255, 203, 217

Rectangle

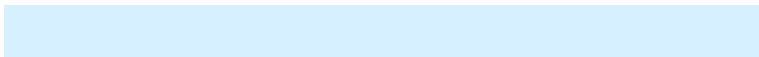
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



139, 252, 141



141, 216, 255



214, 230, 255



255, 209, 255

Sweetspot

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



139, 252, 141



222, 255, 223



252, 141, 139



107, 128, 108



0, 0, 0



128, 128, 128

Same Dimension

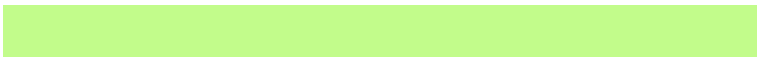
The Same Dimension uses a secret algorithm to generate beautiful new colors.



139, 252, 141



117, 255, 119



139, 252, 197



112, 125, 112



0, 189, 4



0, 61, 1

Inverse Universe

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



141, 139, 252



120, 117, 255



197, 139, 252



113, 112, 125



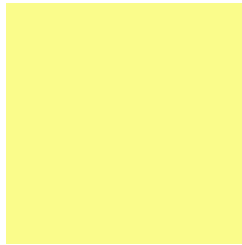
3, 0, 189



1, 0, 61

Previews

White Background



This preview shows how the RYB color 139, 252, 141 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 139, 252, 141 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 139, 252, 141 Background



This preview shows how black text looks on a background with the RYB color 139, 252, 141.

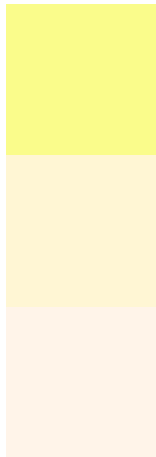


This preview shows how white text looks on a background with the RYB color 139, 252, 141.

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
139, 252, 141

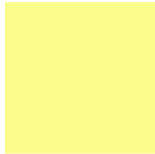
Protanopia
223, 255, 212

Deuteranopia
255, 255, 233



Tritanopia
255, 242, 252

Trichromacy



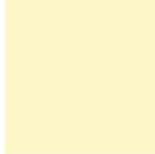
Original Color

139, 252, 141



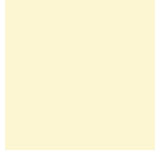
Protanomaly

190, 253, 185



Deuteranomaly

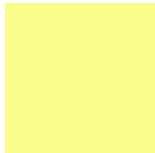
206, 253, 199



Tritanomaly

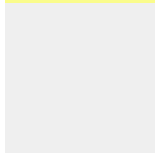
219, 253, 211

Monochromacy



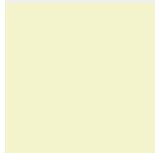
Original Color

139, 252, 141



Achromatopsia

239, 239, 239



Achromatomaly

203, 244, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 252, 141 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(250, 252, 139)` looks like.

```
.text, #text, p{  
    color:rgb(250, 252, 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(250, 252, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 252, 139) }
```

Border

The CSS property to change the border of an element to RYB 139, 252, 141 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(250, 252, 139) }
```

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

```
.border{ border-color:rgb(250, 252, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 252, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 252, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 252, 139);  
box-shadow:4px 4px 4px 4px rgb(250, 252,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 139, 252, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 252, 139) }
```

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

```
.background{ background-color: rgb(250,  
252, 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](#).

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