

Converting Colors

`RYB(139, 243, 142)`

Have a look what the booklet for
RYB(139, 243, 142) contains.

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Color

R_YB(139, 243, 142)

Conversions

Conversions Part 1

Format	Color
Hex	F0F38B
RGB	240, 243, 139
RGB Percent	94%, 95%, 55%
CMY	0.0588, 0.0471, 0.4549
CMYK	0.01, 0.00, 0.43, 0.05
HSL	62°, 81%, 75%
HSV	62°, 43%, 95%
XYZ	72.6460, 84.4905, 36.9055
YIQ	230.2470, 31.5960, -32.9800

Conversions

Conversions Part 2

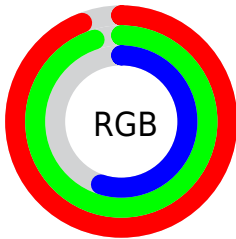
Format	Color
R_{YB}	139, 243, 142
Decimal	15790987
CIE Lab	93.66, -15.53, 49.63
CIE LCh	94, 52.002, 107.380
Yxy	84.4905, 0.3744, 0.4354
Android (android.graphics.Color)	4293981067 (0xFFFF0F38B)
YUV	230.2470, -44.9848, 8.5534
Hunter-Lab	91.9187, -19.7842, 40.5381

Details

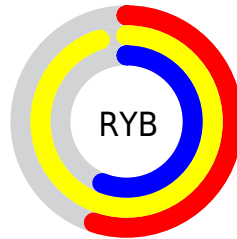
The RYB color **139, 243, 142** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **142, 139, 243**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **194, 255, 194**, and **86, 187, 91** is the 20% darker color. If you saturate the color by 10%, you get **115, 243, 119**, and if you desaturate by 10%, it is **163, 243, 165**.

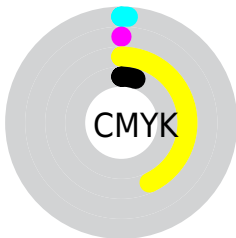
Distribution



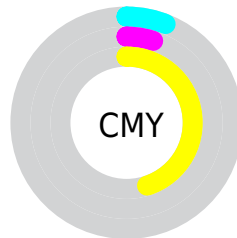
- Red (94%)
- Green (95%)
- Blue (55%)



- Red (55%)
- Yellow (95%)
- Blue (56%)



- Cyan (1%)
- Magenta (0%)
- Yellow (43%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 243, 142 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, 243, 142 by changing the saturation by 10% instead.

 139, 243, 142

255, 255, 255

 194, 255, 194


 223, 255, 223

252, 255, 252


 139, 243, 142


 112, 215, 116

 86, 187, 91

 61, 160, 67

 34, 134, 41

 0, 109, 9

 0, 85, 11

 0, 61, 12

 0, 40, 16

 0, 21, 21

139, 243, 142

139, 243, 142

115, 243, 119

163, 243, 165

90, 243, 94

188, 243, 190

66, 243, 71

212, 243, 213

42, 243, 48

236, 243, 236

17, 243, 24

244, 243, 255

0, 243, 7

245, 243, 255

246, 243, 255

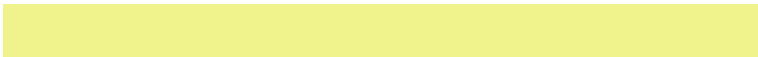
Harmonies

Analogous

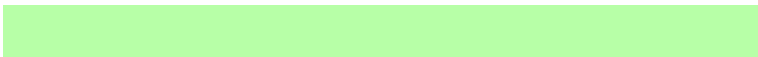
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



178, 255, 139



139, 243, 142



167, 255, 239

Triad

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



139, 243, 142



0, 128, 255



255, 199, 255

Complementary

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



139, 243, 142



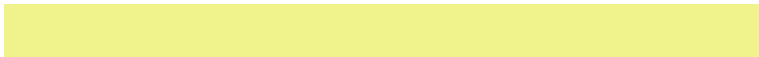
142, 139, 243

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, 213, 255



139, 243, 142



119, 185, 255

Square

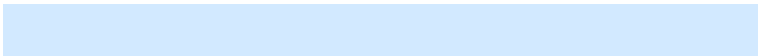
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



139, 243, 142



0, 128, 255



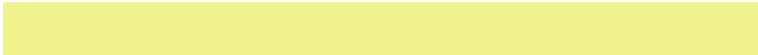
210, 225, 255



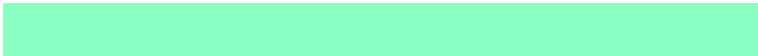
255, 198, 209

Rectangle

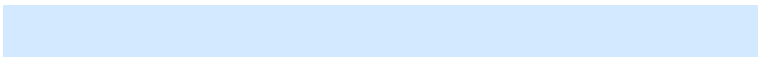
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



139, 243, 142



140, 217, 255



210, 225, 255



255, 203, 255

Sweetspot

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



139, 243, 142



222, 255, 223



243, 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, 243, 142



125, 255, 129



139, 243, 193



110, 122, 110



0, 186, 5



0, 59, 2

Inverse Universe

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



142, 139, 243



129, 125, 255



193, 139, 243



111, 110, 122



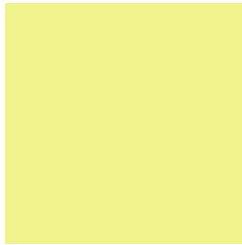
5, 0, 186



2, 0, 59

Previews

White Background



This preview shows how the RYB color 139, 243, 142 looks on a white background.

Color Contrast Check

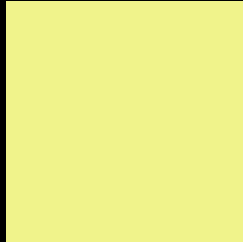
Large Text (above 18pt) WCAG AA × Fail

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, 243, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

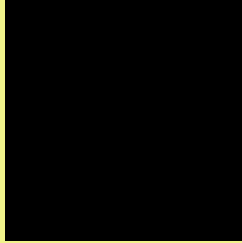
Any Text WCAG AA ✓ Pass

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, 243, 142 Background



This preview shows how black text looks on a background with the RYB color 139, 243, 142.

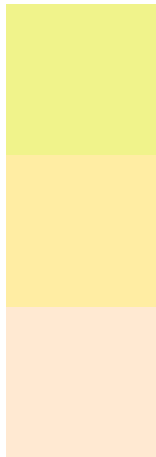


This preview shows how white text looks on a background with the RYB color 139, 243, 142.

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, 243, 142

Protanopia
185, 255, 163

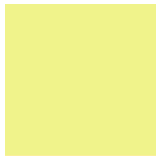
Deuteranopia
253, 255, 210



Tritanopia

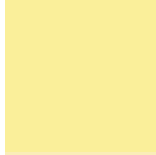
252, 230, 248

Trichromacy



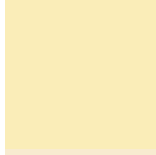
Original Color

139, 243, 142



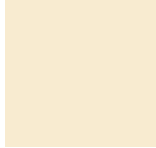
Protanomaly

166, 250, 154



Deuteranomaly

200, 250, 184



Tritanomaly

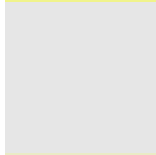
227, 248, 208

Monochromacy



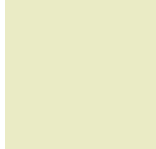
Original Color

139, 243, 142



Achromatopsia

230, 230, 230



Achromatomaly

197, 235, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 243, 142 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(240, 243, 139)` looks like.

```
.text, #text, p{  
    color:rgb(240, 243, 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(240, 243, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 243, 139) }
```

Border

The CSS property to change the border of an element to RYB 139, 243, 142 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(240, 243, 139) }
```

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

```
.border{ border-color:rgb(240, 243, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 243, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 243, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 243, 139); box-shadow:4px 4px 4px 4px rgb(240, 243, 139) }
```

Background

The CSS property to change the background color of an element to RYB 139, 243, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 243, 139) }
```

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

```
.background{ background-color: rgb(240,  
243, 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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