

Converting Colors

`RYB(169, 250, 143)`

Have a look what the booklet for
RYB(169, 250, 143) contains.

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Color

R_YB(169, 250, 143)

Conversions

Conversions Part 1

Format	Color
Hex	FAE58F
RGB	250, 229, 143
RGB Percent	98%, 90%, 56%
CMY	0.0196, 0.1016, 0.4392
CMYK	0.00, 0.08, 0.43, 0.02
HSL	48°, 91%, 77%
HSV	48°, 43%, 98%
XYZ	72.4245, 78.3916, 37.3005
YIQ	225.4750, 40.1220, -22.2940

Conversions

Conversions Part 2

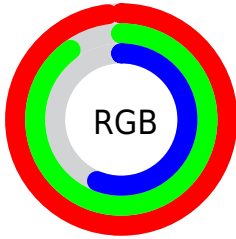
Format	Color
R_{YB}	169, 250, 143
Decimal	16442767
CIE _{Lab}	90.96, -4.34, 44.47
CIE _{LCh}	91, 44.680, 95.574
Yxy	78.3916, 0.3850, 0.4167
Android (android.graphics.Color)	4294632847 (0xFFFAE58F)
YUV	225.4750, -40.6602, 21.5084
Hunter-Lab	88.5390, -8.9312, 36.9991

Details

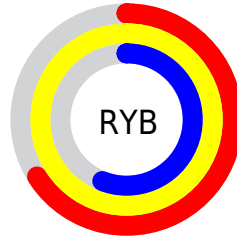
The RYB color **169, 250, 143** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **143, 161, 250**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **198, 255, 198**, and **113, 192, 91** is the 20% darker color. If you saturate the color by 10%, you get **150, 250, 118**, and if you desaturate by 10%, it is **188, 250, 168**.

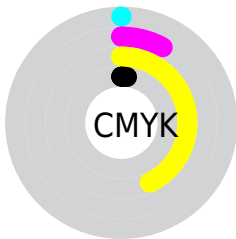
Distribution



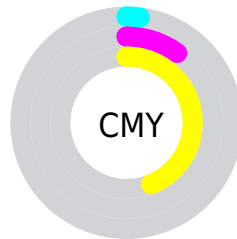
- Red (98%)
- Green (90%)
- Blue (56%)



- Red (66%)
- Yellow (98%)
- Blue (56%)



- Cyan (0%)
- Magenta (8%)
- Yellow (43%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 250, 143 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 169, 250, 143 by changing the saturation by 10% instead.

 169, 250, 143

255, 255, 255


 198, 255, 198

 226, 255, 226


 169, 250, 143


 142, 221, 117

 113, 192, 91


 87, 164, 66

 57, 136, 41

 27, 109, 13

 11, 83, 0

 8, 58, 0

 3, 33, 0

 0, 7, 7

169, 250, 143

169, 250, 143

150, 250, 118

188, 250, 168

132, 250, 93

207, 250, 193

113, 250, 68

225, 250, 218

93, 250, 43

244, 250, 243

74, 250, 18

250, 252, 255

61, 250, 0

250, 253, 255

Harmonies

Analogous

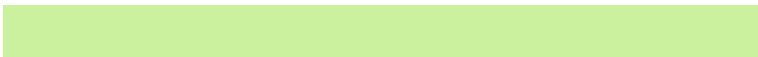
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220, 255, 152



169, 250, 143



158, 241, 195

Triad

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



169, 250, 143



63, 158, 255



255, 201, 255

Complementary

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



169, 250, 143



143, 161, 250

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.



245, 215, 255



169, 250, 143



110, 179, 255

Square

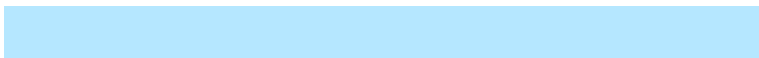
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



169, 250, 143



97, 179, 252



181, 211, 255



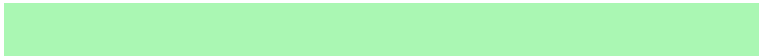
255, 196, 223

Rectangle

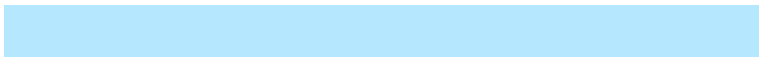
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



169, 250, 143



170, 239, 247



181, 211, 255



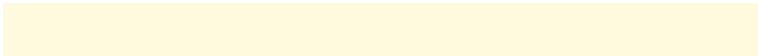
255, 205, 255

Sweetspot

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



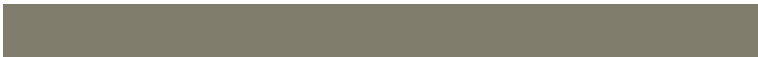
169, 250, 143



229, 255, 222



250, 143, 164



112, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

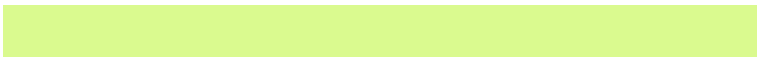
The Same Dimension uses a secret algorithm to generate beautiful new colors.



169, 250, 143



156, 255, 125



143, 250, 175



114, 125, 112



46, 189, 0



15, 61, 0

Inverse Universe

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



143, 161, 250



125, 146, 255



175, 143, 250



112, 114, 125



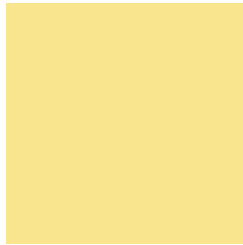
0, 31, 189



0, 10, 61

Previews

White Background



This preview shows how the RYB color 169, 250, 143 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 169, 250, 143 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 169, 250, 143 Background



This preview shows how black text looks on a background with the RYB color 169, 250, 143.

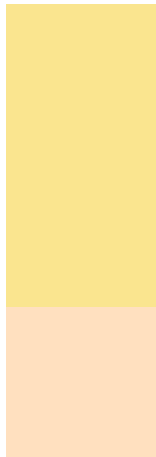


This preview shows how white text looks on a background with the RYB color 169, 250, 143.

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
169, 250, 143

Protanopia
169, 250, 143

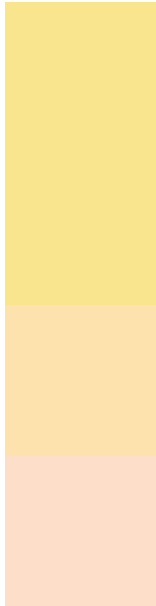
Deuteranopia
251, 255, 191



Tritanopia

255, 220, 234

Trichromacy



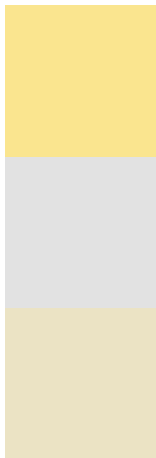
Original Color
169, 250, 143

Protanomaly
169, 250, 143

Deuteranomaly
215, 253, 174

Tritanomaly
253, 239, 201

Monochromacy



Original Color
169, 250, 143

Achromatopsia
226, 226, 226

Achromatomaly
206, 235, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 250, 143 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, 229, 143)` looks like.

```
.text, #text, p{  
    color:rgb(250, 229, 143)  
}
```

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, 229, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 229, 143) }
```

Border

The CSS property to change the border of an element to RYB 169, 250, 143 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, 229, 143) }
```

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

```
.border{ border-color:rgb(250, 229, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 229, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 229, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 229, 143);  
box-shadow:4px 4px 4px 4px rgb(250, 229,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 169, 250, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 229, 143) }
```

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

```
.background{ background-color: rgb(250,  
229, 143) }
```

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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