

Converting Colors

`RYB(199, 246, 138)`

Have a look what the booklet for
RYB(199, 246, 138) contains.

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Color

R_YB(199, 246, 138)

Conversions

Conversions Part 1

Format	Color
Hex	F6CF8A
RGB	246, 207, 138
RGB Percent	96%, 81%, 54%
CMY	0.0353, 0.1882, 0.4588
CMYK	0.00, 0.16, 0.44, 0.04
HSL	38°, 86%, 75%
HSV	38°, 44%, 96%
XYZ	64.9106, 66.0621, 33.3749
YIQ	210.7950, 45.3930, -13.1910

Conversions

Conversions Part 2

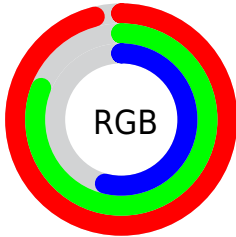
Format	Color
R_{YB}	199, 246, 138
Decimal	16174986
CIE _{Lab}	85.03, 4.85, 39.34
CIE _{LCh}	85, 39.634, 82.974
Yxy	66.0621, 0.3950, 0.4020
Android (android.graphics.Color)	4294365066 (0xFFFF6CF8A)
YUV	210.7950, -35.8879, 30.8748
Hunter-Lab	81.2786, 0.3160, 32.5492

Details

The RYB color **199, 246, 138** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **138, 167, 246**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **192, 255, 192**, and **141, 188, 87** is the 20% darker color. If you saturate the color by 10%, you get **188, 246, 113**, and if you desaturate by 10%, it is **210, 246, 163**.

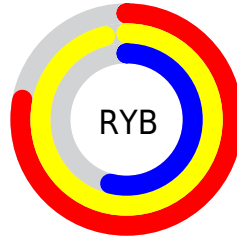
Distribution



Red (96%)

Green (81%)

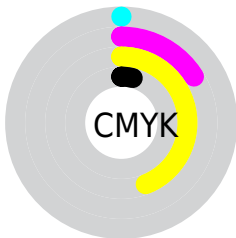
Blue (54%)



Red (78%)

Yellow (96%)

Blue (54%)

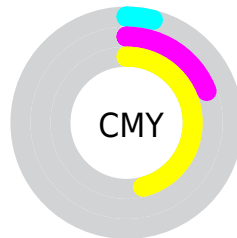


Cyan (0%)

Magenta (16%)

Yellow (44%)

Black (4%)



Cyan (4%)

Magenta (19%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 246, 138 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 199, 246, 138 by changing the saturation by 10% instead.

 199, 246, 138

255, 255, 255


 192, 255, 192

 220, 255, 220


 249, 255, 249


 199, 246, 138

 169, 217, 112

 141, 188, 87

 112, 160, 62

 82, 132, 38

 51, 105, 13

 32, 79, 0

 30, 53, 0

 29, 24, 0

 0, 0, 0

199, 246, 138

199, 246, 138

188, 246, 113

210, 246, 163

178, 246, 89

220, 246, 187

168, 246, 64

231, 246, 212

155, 246, 40

240, 246, 236

145, 246, 15

246, 249, 255

139, 246, 0

246, 251, 255

Harmonies

Analogous

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



255, 220, 154



199, 246, 138



142, 219, 153

Triad

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



199, 246, 138



83, 159, 240



251, 193, 255

Complementary

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



199, 246, 138



138, 167, 246

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.



205, 206, 255



199, 246, 138



94, 167, 255

Square

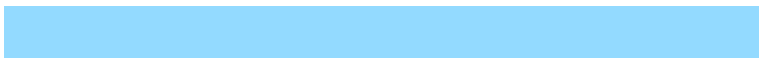
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199, 246, 138



120, 185, 232



147, 190, 255



255, 185, 223

Rectangle

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



199, 246, 138



156, 225, 201



147, 190, 255



238, 197, 255

Sweetspot

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



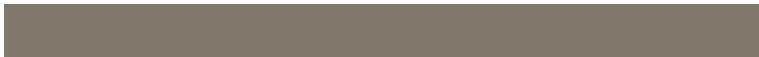
199, 246, 138



241, 255, 222



246, 138, 178



120, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



199, 246, 138



197, 255, 120



138, 246, 152



116, 122, 110



105, 186, 0



35, 59, 0

Inverse Universe

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



138, 167, 246



120, 156, 255



152, 138, 246



110, 114, 122



0, 49, 186



0, 15, 59

Previews

White Background



This preview shows how the RYB color 199, 246, 138 looks on a white background.

Color Contrast Check

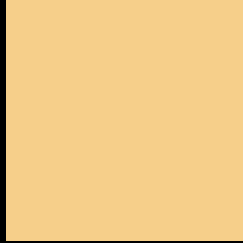
Large Text (above 18pt) WCAG AA × Fail

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 199, 246, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

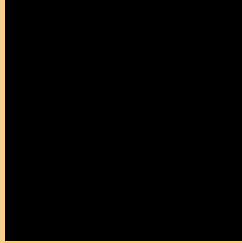
Any Text WCAG AA ✓ Pass

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 199, 246, 138 Background



This preview shows how black text looks on a background with the RYB color 199, 246, 138.



This preview shows how white text looks on a background with the RYB color 199, 246, 138.

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
199, 246, 138

Protanopia
164, 231, 140

Deuteranopia
235, 255, 140



Tritanopia
253, 198, 213

Trichromacy



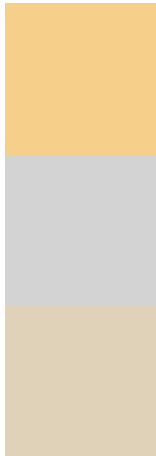
Original Color
199, 246, 138

Protanomaly
175, 236, 139

Deuteranomaly
222, 252, 139

Tritanomaly
250, 206, 186

Monochromacy



Original Color
199, 246, 138

Achromatopsia
211, 211, 211

Achromatomaly
206, 224, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 246, 138 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(246, 207, 138)` looks like.

```
.text, #text, p{  
    color:rgb(246, 207, 138)  
}
```

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(246, 207, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 207, 138) }
```

Border

The CSS property to change the border of an element to RYB 199, 246, 138 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(246, 207, 138) }
```

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

```
.border{ border-color:rgb(246, 207, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 207, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 207, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 207, 138);  
box-shadow:4px 4px 4px 4px rgb(246, 207,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 199, 246, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 207, 138) }
```

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

```
.background{ background-color: rgb(246,  
207, 138) }
```

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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