

Converting Colors

`RYB(202, 248, 139)`

Have a look what the booklet for
RYB(202, 248, 139) contains.

RYB(202, 248, 139)	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(202, 248, 139)

Conversions

Conversions Part 1

Format	Color
Hex	F8D08B
RGB	248, 208, 139
RGB Percent	97%, 82%, 55%
CMY	0.0275, 0.1840, 0.4549
CMYK	0.00, 0.16, 0.44, 0.03
HSL	38°, 89%, 76%
HSV	38°, 44%, 97%
XYZ	65.9459, 66.9692, 33.8767
YIQ	212.0940, 45.9890, -12.9790

Conversions

Conversions Part 2

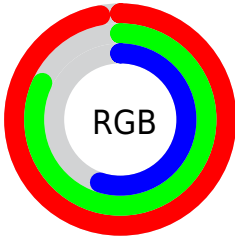
Format	Color
R _Y B	202, 248, 139
Decimal	16306315
CIE Lab	85.49, 5.19, 39.46
CIE LCh	85, 39.798, 82.503
Yxy	66.9692, 0.3954, 0.4015
Android (android.graphics.Color)	4294496395 (0xFFF8D08B)
YUV	212.0940, -36.0353, 31.4896
Hunter-Lab	81.8347, 0.6323, 32.7403

Details

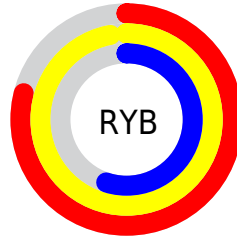
The RYB color **202, 248, 139** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **139, 168, 248**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **193, 255, 193**, and **144, 190, 88** is the 20% darker color. If you saturate the color by 10%, you get **191, 248, 114**, and if you desaturate by 10%, it is **213, 248, 164**.

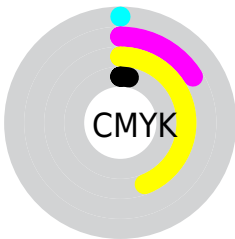
Distribution



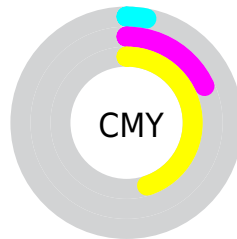
- Red (97%)
- Green (82%)
- Blue (55%)



- Red (79%)
- Yellow (97%)
- Blue (55%)



- Cyan (0%)
- Magenta (16%)
- Yellow (44%)
- Black (3%)



- Cyan (3%)
- Magenta (18%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 248, 139 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 202, 248, 139 by changing the saturation by 10% instead.

 202, 248, 139

 202, 248, 139


255, 255, 255

 172, 219, 113

 193, 255, 193


 144, 190, 88

 221, 255, 221


 113, 161, 63


 250, 255, 250

 85, 134, 39

 54, 107, 14

 36, 81, 0

 31, 55, 0

 31, 26, 0

 0, 0, 0

202, 248, 139

202, 248, 139

191, 248, 114

213, 248, 164

180, 248, 89

224, 248, 189

171, 248, 65

234, 248, 213

160, 248, 40

245, 248, 238

149, 248, 15

248, 251, 255

144, 248, 0

248, 252, 255

Harmonies

Analogous

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



255, 222, 155



202, 248, 139



143, 220, 153

Triad

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



202, 248, 139



84, 161, 241



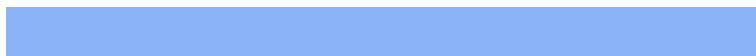
252, 194, 255

Complementary

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



202, 248, 139



139, 168, 248

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, 207, 255



202, 248, 139



94, 167, 255

Square

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



202, 248, 139



121, 186, 234



147, 191, 255



255, 186, 225

Rectangle

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



202, 248, 139



157, 226, 201



147, 191, 255



238, 198, 255

Sweetspot

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



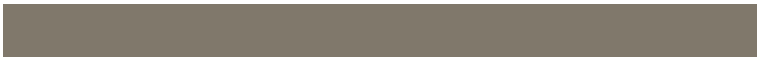
202, 248, 139



241, 255, 222



248, 139, 179



120, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



202, 248, 139



199, 255, 120



139, 248, 154



120, 125, 112



109, 189, 0



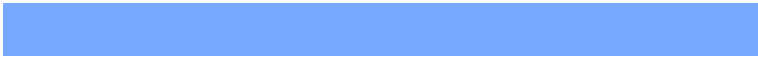
34, 61, 0

Inverse Universe

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



139, 168, 248



120, 156, 255



154, 139, 248



112, 116, 125



0, 51, 189



0, 16, 61

Previews

White Background



This preview shows how the RYB color 202, 248, 139 looks on a white background.

Color Contrast Check

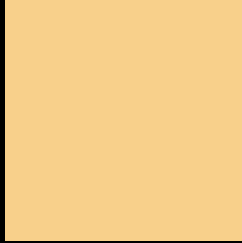
Large Text (above 18pt) WCAG AA × Fail

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 202, 248, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

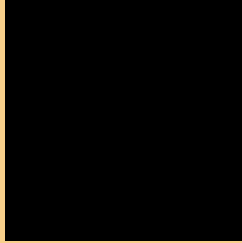
Any Text WCAG AA ✓ Pass

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 202, 248, 139 Background



This preview shows how black text looks on a background with the RYB color 202, 248, 139.

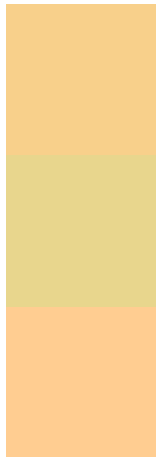


This preview shows how white text looks on a background with the RYB color 202, 248, 139.

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
202, 248, 139

Protanopia
163, 232, 141

Deuteranopia
237, 255, 145



Tritanopia
255, 199, 214

Trichromacy



Original Color

202, 248, 139

Protanomaly

175, 238, 140

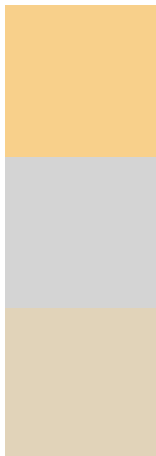
Deuteranomaly

223, 252, 143

Tritanomaly

252, 207, 187

Monochromacy



Original Color

202, 248, 139

Achromatopsia

212, 212, 212

Achromatomaly

207, 225, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 248, 139 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(248, 208, 139)` looks like.

```
.text, #text, p{  
    color:rgb(248, 208, 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(248, 208, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 208, 139) }
```

Border

The CSS property to change the border of an element to RYB 202, 248, 139 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(248, 208, 139) }
```

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

```
.border{ border-color:rgb(248, 208, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 208, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 208, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 208, 139);  
box-shadow:4px 4px 4px 4px rgb(248, 208,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 202, 248, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 208, 139) }
```

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

```
.background{ background-color: rgb(248,  
208, 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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