

Converting Colors

`RYB(209, 250, 156)`

Have a look what the booklet for
RYB(209, 250, 156) contains.

RYB(209, 250, 156)	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(209, 250, 156)

Conversions

Conversions Part 1

Format	Color
Hex	FAD89C
RGB	250, 216, 156
RGB Percent	98%, 85%, 61%
CMY	0.0196, 0.1525, 0.3882
CMYK	0.00, 0.14, 0.38, 0.02
HSL	38°, 90%, 80%
HSV	38°, 38%, 98%
XYZ	70.0089, 71.8918, 41.6391
YIQ	219.3260, 39.5240, -11.4520

Conversions

Conversions Part 2

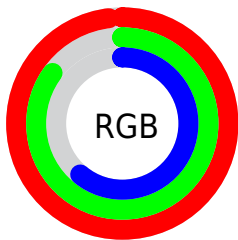
Format	Color
R _Y B	209, 250, 156
Decimal	16439452
CIE Lab	87.92, 3.64, 34.00
CIE LCh	88, 34.190, 83.894
Yxy	71.8918, 0.3814, 0.3917
Android (android.graphics.Color)	4294629532 (0xFFFA89C)
YUV	219.3260, -31.2197, 26.9011
Hunter-Lab	84.7890, -0.9964, 30.2355

Details

The RYB color **209, 250, 156** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **156, 181, 250**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **211, 255, 211**, and **152, 192, 104** is the 20% darker color. If you saturate the color by 10%, you get **198, 250, 131**, and if you desaturate by 10%, it is **220, 250, 181**.

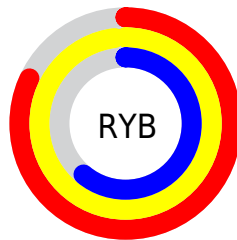
Distribution



Red (98%)

Green (85%)

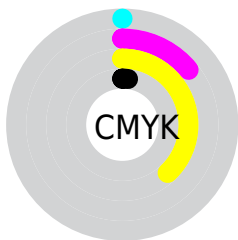
Blue (61%)



Red (82%)

Yellow (98%)

Blue (61%)

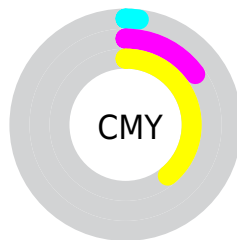


Cyan (0%)

Magenta (14%)

Yellow (38%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 250, 156 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 209, 250, 156 by changing the saturation by 10% instead.


 209, 250, 156

 209, 250, 156


255, 255, 255

 182, 221, 130

 211, 255, 211

 152, 192, 104

 239, 255, 239

 123, 164, 79

 95, 137, 55

 67, 110, 32

 37, 84, 8

 26, 59, 0

 23, 35, 0

 0, 0, 0

■ 209, 250, 156

■ 209, 250, 156

■ 198, 250, 131

■ 220, 250, 181

■ 187, 250, 106

■ 231, 250, 206

■ 176, 250, 81

■ 242, 250, 231

■ 166, 250, 56

■ 250, 251, 255

■ 155, 250, 31

■ 250, 253, 255

■ 144, 250, 6

■ 141, 250, 0

Harmonies

Analogous

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



255, 231, 169



209, 250, 156



160, 226, 169

Triad

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



209, 250, 156



120, 181, 246



255, 204, 255

Complementary

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



209, 250, 156



156, 181, 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.



216, 214, 255



209, 250, 156



130, 187, 255

Square

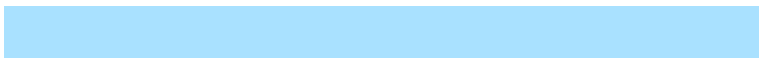
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



209, 250, 156



143, 198, 238



169, 203, 255



255, 197, 228

Rectangle

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



209, 250, 156



173, 232, 213



169, 203, 255



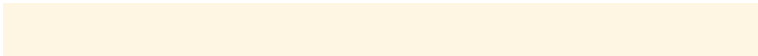
244, 207, 255

Sweetspot

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



209, 250, 156



243, 255, 227



250, 156, 190



120, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



209, 250, 156



204, 255, 140



156, 250, 169



120, 125, 112



106, 189, 0



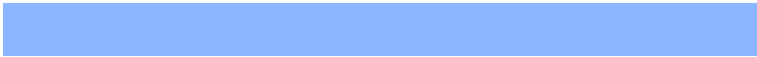
34, 61, 0

Inverse Universe

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



156, 181, 250



140, 171, 255



169, 156, 250



112, 116, 125



0, 50, 189



0, 16, 61

Previews

White Background



This preview shows how the RYB color 209, 250, 156 looks on a white background.

Color Contrast Check

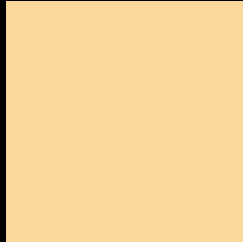
Large Text (above 18pt) WCAG AA × Fail

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 209, 250, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

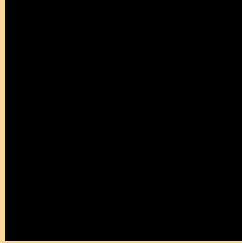
Any Text WCAG AA ✓ Pass

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 209, 250, 156 Background



This preview shows how black text looks on a background with the RYB color 209, 250, 156.



This preview shows how white text looks on a background with the RYB color 209, 250, 156.

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
209, 250, 156

Protanopia
181, 238, 158

Deuteranopia
255, 255, 171



Tritanopia
255, 208, 223

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 250, 156 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, 216, 156)` looks like.

```
.text, #text, p{  
    color:rgb(250, 216, 156)  
}
```

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, 216, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 216, 156) }
```

Border

The CSS property to change the border of an element to RYB 209, 250, 156 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, 216, 156) }
```

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

```
.border{ border-color:rgb(250, 216, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 216, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 216, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 216, 156);  
box-shadow:4px 4px 4px 4px rgb(250, 216,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 209, 250, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 216, 156) }
```

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

```
.background{ background-color: rgb(250,  
216, 156) }
```

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