

Converting Colors

RGB(248, 249, 151)

Have a look what the booklet for
RGB(248, 249, 151) contains.

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Color

RGB(248, 249, 151)

Conversions

Conversions Part 1

Format	Color
Hex	F8F997
RGB	248, 249, 151
RGB Percent	97%, 98%, 59%
CMY	0.0275, 0.0235, 0.4078
CMYK	0.00, 0.00, 0.39, 0.02
HSL	61°, 89%, 78%
HSV	61°, 39%, 98%
XYZ	78.1730, 89.9422, 42.5186
YIQ	237.5290, 30.8620, -30.6900

Conversions

Conversions Part 2

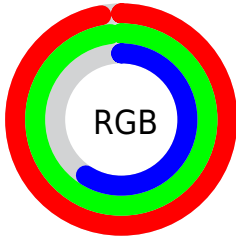
Format	Color
R_{YB}	151, 249, 152
Decimal	16316823
CIE _{Lab}	95.97, -14.18, 46.87
CIE _{LCh}	96, 48.969, 106.829
Yxy	89.9422, 0.3711, 0.4270
Android (android.graphics.Color)	4294506903 (0xFFFF8F997)
YUV	237.5290, -42.6588, 9.1831
Hunter-Lab	94.8379, -18.8322, 39.8051

Details

The RGB color **248, 249, 151** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **152, 151, 249**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 206**, and **190, 193, 98** is the 20% darker color. If you saturate the color by 10%, you get **248, 249, 126**, and if you desaturate by 10%, it is **248, 249, 176**.

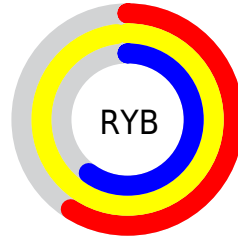
Distribution



Red (97%)

Green (98%)

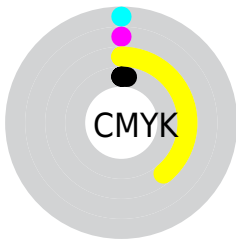
Blue (59%)



Red (59%)

Yellow (98%)

Blue (60%)

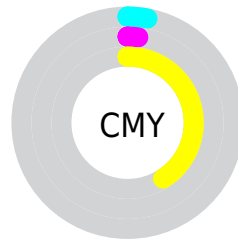


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (2%)



Cyan (3%)

Magenta (2%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 248, 249, 151 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 RGB color 248, 249, 151 by changing the saturation by 10% instead.

 248, 249, 151

255, 255, 255

 255, 255, 206

 255, 255, 235


 248, 249, 151

 219, 221, 124

 190, 193, 98

 162, 166, 73

 135, 139, 47

 108, 114, 20

 82, 90, 0

 57, 66, 0

 32, 44, 0

 0, 25, 0

 248, 249, 151


 248, 249, 151

 248, 249, 126


 248, 249, 176

 247, 249, 101


 249, 249, 201

 247, 249, 76

 249, 249, 226

 247, 249, 51

 249, 249, 251

 247, 249, 27

 249, 249, 255

 246, 249, 2

 250, 249, 255

 246, 249, 0

 250, 249, 255

 250, 249, 255

 250, 249, 255

Harmonies

Analogous

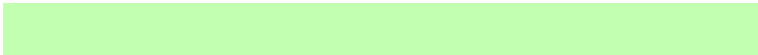
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 233, 151



248, 249, 151



194, 255, 177

Triad

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



248, 249, 151



54, 255, 255



255, 209, 255

Complementary

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



248, 249, 151



152, 151, 249

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, 221, 255



248, 249, 151



138, 254, 255

Square

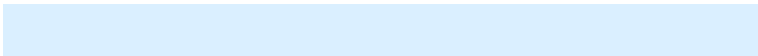
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248, 249, 151



65, 255, 255



218, 239, 255



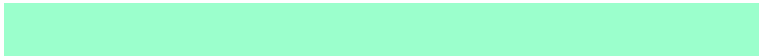
255, 207, 218

Rectangle

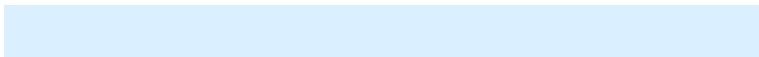
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



248, 249, 151



155, 255, 204



218, 239, 255



255, 212, 255

Sweetspot

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



248, 249, 151



255, 255, 224



249, 151, 151



127, 128, 110



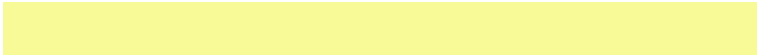
0, 0, 0



128, 128, 128

Same Dimension

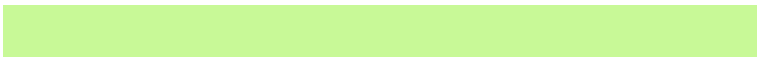
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248, 249, 151



254, 255, 135



200, 249, 151



125, 125, 112



187, 189, 0



61, 61, 0

Inverse Universe

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



152, 151, 249



136, 135, 255



200, 151, 249



113, 112, 125



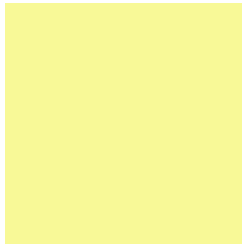
2, 0, 189



1, 0, 61

Previews

White Background



This preview shows how the RGB color 248, 249, 151 looks on a white background.

Color Contrast Check

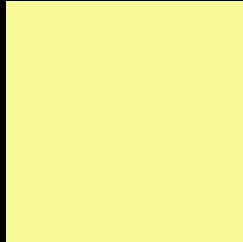
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 248, 249, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

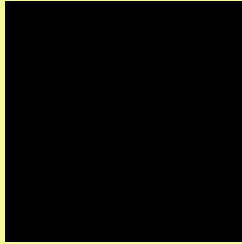
Any Text WCAG AA ✓ Pass

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](#).

RGB 248, 249, 151 Background



This preview shows how black text looks on a background with the RGB color 248, 249, 151.



This preview shows how white text looks on a background with the RGB color 248, 249, 151.

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

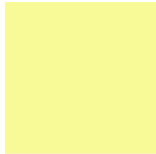
	Original Color 248, 249, 151
	Protanopia 255, 243, 202
	Deuteranopia 255, 241, 228



Tritanopia

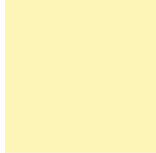
255, 239, 252

Trichromacy



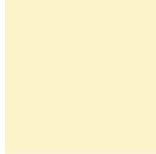
Original Color

248, 249, 151



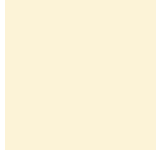
Protanomaly

252, 245, 183



Deuteranomaly

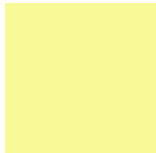
252, 244, 200



Tritanomaly

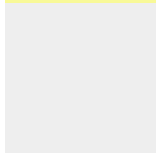
252, 243, 215

Monochromacy



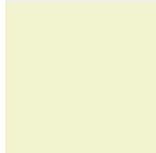
Original Color

248, 249, 151



Achromatopsia

238, 238, 238



Achromatomaly

242, 242, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 248, 249, 151 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, 249, 151)` looks like.

```
.text, #text, p{  
    color:rgb(248, 249, 151)  
}
```

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, 249, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 249, 151) }
```

Border

The CSS property to change the border of an element to RGB 248, 249, 151 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, 249, 151) }
```

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

```
.border{ border-color:rgb(248, 249, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 249, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 249, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 249, 151);  
box-shadow:4px 4px 4px 4px rgb(248, 249,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 248, 249, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 249, 151) }
```

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

```
.background{ background-color: rgb(248,  
249, 151) }
```

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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