

Converting Colors

RGB(249, 238, 122)

Have a look what the booklet for
RGB(249, 238, 122) contains.

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Color

RGB(249, 238, 122)

Conversions

Conversions Part 1

Format	Color
Hex	F9EE7A
RGB	249, 238, 122
RGB Percent	98%, 93%, 48%
CMY	0.0235, 0.0667, 0.5216
CMYK	0.00, 0.04, 0.51, 0.02
HSL	55°, 91%, 73%
HSV	55°, 51%, 98%
XYZ	73.1543, 82.6939, 30.5182
YIQ	228.0650, 43.7920, -33.7440

Conversions

Conversions Part 2

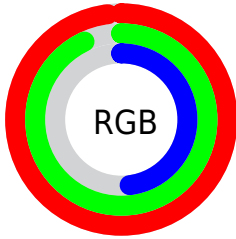
Format	Color
RYB	134, 249, 122
Decimal	16379514
CIELab	92.88, -11.10, 56.84
CIElCh	93, 57.910, 101.046
Yxy	82.6939, 0.3925, 0.4437
Android (android.graphics.Color)	4294569594 (0xFFF9EE7A)
YUV	228.0650, -52.2900, 18.3600
Hunter-Lab	90.9362, -15.5427, 43.7576

Details

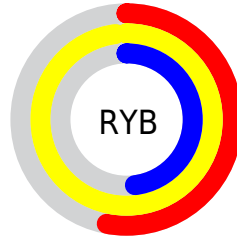
The RGB color **249, 238, 122** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **122, 133, 249**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 177**, and **190, 182, 69** is the 20% darker color. If you saturate the color by 10%, you get **249, 236, 97**, and if you desaturate by 10%, it is **249, 240, 147**.

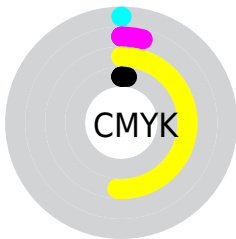
Distribution



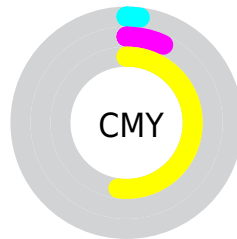
- Red (98%)
- Green (93%)
- Blue (48%)



- Red (53%)
- Yellow (98%)
- Blue (48%)



- Cyan (0%)
- Magenta (4%)
- Yellow (51%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 238, 122 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 249, 238, 122 by changing the saturation by 10% instead.

 249, 238, 122

 249, 238, 122

255, 255, 255

 219, 210, 95

 255, 255, 177

 190, 182, 69

 255, 255, 205

 162, 156, 41

 255, 255, 234

 134, 130, 4

 106, 105, 0

 80, 81, 0


 54, 58, 0

 29, 37, 0

 0, 17, 0

 249, 238, 122


 249, 238, 122

 249, 236, 97


 249, 240, 147

 249, 234, 72

 249, 242, 172

 249, 232, 47

 249, 244, 197

 249, 229, 22

 249, 247, 222

 249, 227, 0

 249, 249, 247

 249, 251, 255

 249, 253, 255

 249, 255, 255

Harmonies

Analogous

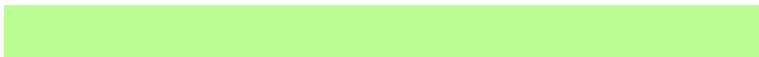
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 219, 129



249, 238, 122



188, 252, 148

Triad

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



249, 238, 122



0, 255, 255



255, 194, 255

Complementary

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



249, 238, 122



122, 133, 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, 212, 255



249, 238, 122



31, 250, 255

Square

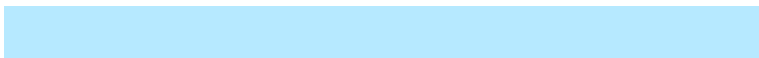
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 238, 122



0, 255, 254



182, 233, 255



255, 189, 216

Rectangle

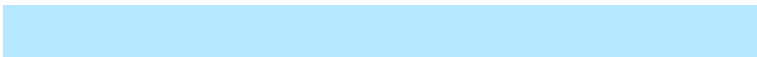
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 238, 122



140, 255, 179



182, 233, 255



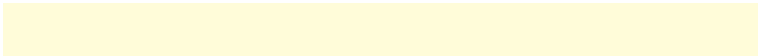
255, 199, 255

Sweetspot

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



249, 238, 122



255, 252, 217



249, 122, 135



128, 126, 105



0, 0, 0



128, 128, 128

Same Dimension

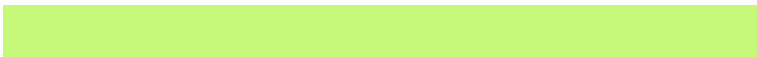
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 238, 122



255, 242, 99



198, 249, 122



125, 124, 112



189, 172, 0



61, 56, 0

Inverse Universe

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



122, 133, 249



99, 113, 255



173, 122, 249



112, 114, 125



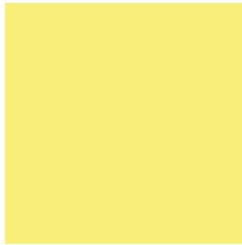
0, 16, 189



0, 5, 61

Previews

White Background



This preview shows how the RGB color 249, 238, 122 looks on a white background.

Color Contrast Check

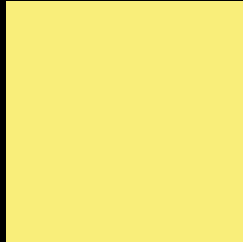
Large Text (above 18pt) WCAG AA × Fail

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 249, 238, 122 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 249, 238, 122 Background



This preview shows how black text looks on a background with the RGB color 249, 238, 122.



This preview shows how white text looks on a background with the RGB color 249, 238, 122.

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
249, 238, 122

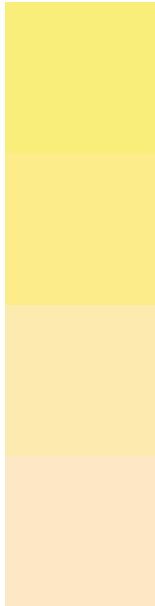
Protanopia
255, 235, 147

Deuteranopia
255, 231, 203



Tritanopia
255, 227, 240

Trichromacy



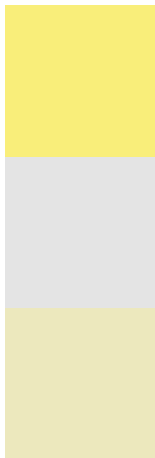
Original Color
249, 238, 122

Protanomaly
253, 236, 138

Deuteranomaly
253, 234, 174

Tritanomaly
253, 231, 197

Monochromacy



Original Color
249, 238, 122

Achromatopsia
228, 228, 228

Achromatomaly
236, 232, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 238, 122 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(249, 238, 122)` looks like.

```
.text, #text, p{  
    color:rgb(249, 238, 122)  
}
```

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(249, 238, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 238, 122) }
```

Border

The CSS property to change the border of an element to RGB 249, 238, 122 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(249, 238, 122) }
```

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

```
.border{ border-color:rgb(249, 238, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 238, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 238, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 238, 122);  
box-shadow:4px 4px 4px 4px rgb(249, 238,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 249, 238, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 238, 122) }
```

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

```
.background{ background-color: rgb(249,  
238, 122) }
```

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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