

Converting Colors

RGB(241, 246, 172)

Have a look what the booklet for
RGB(241, 246, 172) contains.

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Color

RGB(241, 246, 172)

Conversions

Conversions Part 1

Format	Color
Hex	F1F6AC
RGB	241, 246, 172
RGB Percent	95%, 96%, 67%
CMY	0.0549, 0.0353, 0.3255
CMYK	0.02, 0.00, 0.30, 0.04
HSL	64°, 80%, 82%
HSV	64°, 30%, 96%
XYZ	76.6778, 87.5909, 51.8951
YIQ	236.0690, 20.7740, -24.0740

Conversions

Conversions Part 2

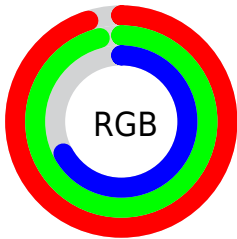
Format	Color
RYB	172, 246, 177
Decimal	15857324
CIELab	94.99, -12.94, 35.13
CIELCh	95, 37.441, 110.220
Yxy	87.5909, 0.3547, 0.4052
Android (android.graphics.Color)	4294047404 (0xFFFF1F6AC)
YUV	236.0690, -31.5860, 4.3245
Hunter-Lab	93.5900, -17.5384, 32.6370

Details

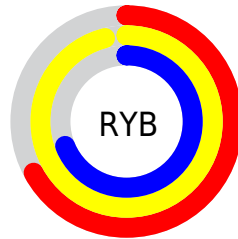
The RGB color **241, 246, 172** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **177, 172, 246**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 228**, and **184, 190, 119** is the 20% darker color. If you saturate the color by 10%, you get **239, 246, 147**, and if you desaturate by 10%, it is **243, 246, 197**.

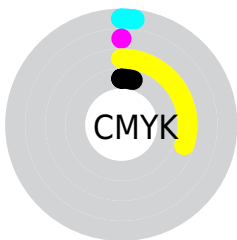
Distribution



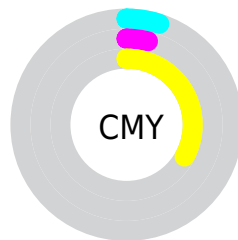
- Red (95%)
- Green (96%)
- Blue (67%)



- Red (67%)
- Yellow (96%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (30%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 241, 246, 172 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 241, 246, 172 by changing the saturation by 10% instead.


 241, 246, 172

255, 255, 255


 255, 255, 228


 241, 246, 172

 212, 218, 145

 184, 190, 119

 157, 163, 94

 130, 137, 69

 104, 111, 45

 79, 87, 21

 55, 64, 0

 31, 42, 0

 0, 23, 0

 241, 246, 172

 241, 246, 172

 239, 246, 147

 243, 246, 197

 238, 246, 123


 244, 246, 221

 236, 246, 98


 246, 246, 246

 234, 246, 74

 248, 246, 255

 233, 246, 49

 249, 246, 255

 231, 246, 24

 251, 246, 255

 229, 246, 0

 253, 246, 255

 254, 246, 255

 255, 246, 255

Harmonies

Analogous

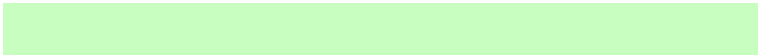
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 234, 170



241, 246, 172



200, 255, 193

Triad

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



241, 246, 172



135, 255, 255



255, 215, 254

Complementary

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



241, 246, 172



177, 172, 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.



255, 223, 255



241, 246, 172



177, 248, 255

Square

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



241, 246, 172



129, 255, 255



230, 236, 255



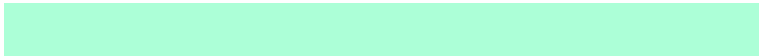
255, 215, 217

Rectangle

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



241, 246, 172



172, 255, 215



230, 236, 255



255, 217, 255

Sweetspot

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



241, 246, 172



253, 255, 232



246, 177, 172



127, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

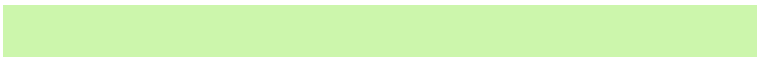
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241, 246, 172



249, 255, 163



204, 246, 172



122, 122, 110



174, 186, 0



55, 59, 0

Inverse Universe

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



177, 172, 246



169, 163, 255



214, 172, 246



111, 110, 122



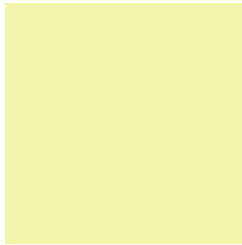
13, 0, 186



4, 0, 59

Previews

White Background



This preview shows how the RGB color 241, 246, 172 looks on a white background.

Color Contrast Check

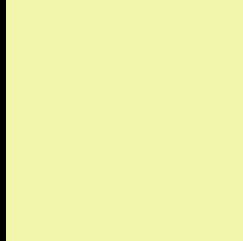
Large Text (above 18pt) WCAG AA × Fail

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 241, 246, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

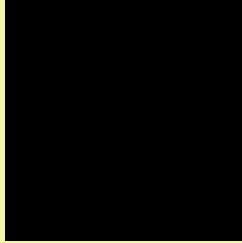
Any Text WCAG AA ✓ Pass

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 241, 246, 172 Background



This preview shows how black text looks on a background with the RGB color 241, 246, 172.


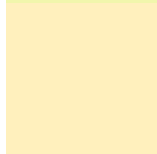
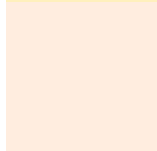


This preview shows how white text looks on a background with the RGB color 241, 246, 172.

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

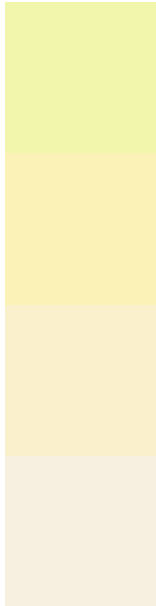
	Original Color 241, 246, 172
	Protanopia 255, 240, 189
	Deuteranopia 255, 237, 223



Tritanopia

251, 236, 254

Trichromacy



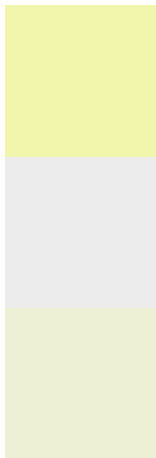
Original Color
241, 246, 172

Protanomaly
250, 242, 183

Deuteranomaly
250, 240, 204

Tritanomaly
247, 240, 224

Monochromacy



Original Color
241, 246, 172

Achromatopsia
236, 236, 236

Achromatomaly
238, 240, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 246, 172 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(241, 246, 172)` looks like.

```
.text, #text, p{  
    color:rgb(241, 246, 172)  
}
```

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(241, 246, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 246, 172) }
```

Border

The CSS property to change the border of an element to RGB 241, 246, 172 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(241, 246, 172) }
```

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

```
.border{ border-color:rgb(241, 246, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 246, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 246, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 246, 172);  
box-shadow:4px 4px 4px 4px rgb(241, 246,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 241, 246, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 246, 172) }
```

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

```
.background{ background-color: rgb(241,  
246, 172) }
```

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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