

Converting Colors

RGB(240, 250, 163)

Have a look what the booklet for
RGB(240, 250, 163) contains.

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Color

RGB(240, 250, 163)

Conversions

Conversions Part 1

Format	Color
Hex	F0FAA3
RGB	240, 250, 163
RGB Percent	94%, 98%, 64%
CMY	0.0588, 0.0196, 0.3608
CMYK	0.04, 0.00, 0.35, 0.02
HSL	67°, 90%, 81%
HSV	67°, 35%, 98%
XYZ	76.7316, 89.5408, 47.8893
YIQ	237.0920, 21.9670, -29.1770

Conversions

Conversions Part 2

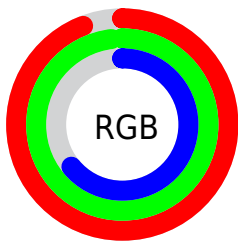
Format	Color
RYB	163, 250, 173
Decimal	15792803
CIELab	95.81, -16.36, 40.67
CIELCh	96, 43.837, 111.907
Yxy	89.5408, 0.3583, 0.4181
Android (android.graphics.Color)	4293982883 (0xFFFF0FAA3)
YUV	237.0920, -36.5274, 2.5503
Hunter-Lab	94.6260, -20.8510, 36.2322

Details

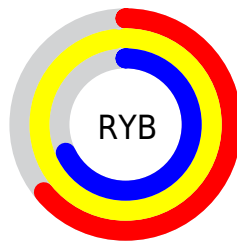
The RGB color **240, 250, 163** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **173, 163, 250**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 219**, and **183, 194, 110** is the 20% darker color. If you saturate the color by 10%, you get **237, 250, 138**, and if you desaturate by 10%, it is **243, 250, 188**.

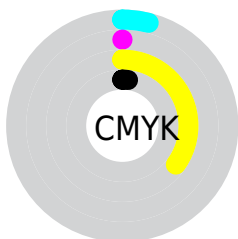
Distribution



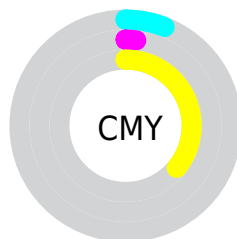
- Red (94%)
- Green (98%)
- Blue (64%)



- Red (64%)
- Yellow (98%)
- Blue (68%)



- Cyan (4%)
- Magenta (0%)
- Yellow (35%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 250, 163 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 240, 250, 163 by changing the saturation by 10% instead.

 240, 250, 163

255, 255, 255


 255, 255, 219

 255, 255, 248


 240, 250, 163

 211, 221, 136

 183, 194, 110

 155, 166, 85

 128, 140, 60

 102, 115, 35

 77, 90, 7

 53, 67, 0

 28, 44, 0

 0, 25, 0

 240, 250, 163


 240, 250, 163

 237, 250, 138

 243, 250, 188

 234, 250, 113


 246, 250, 213

 231, 250, 88

 249, 250, 238

 229, 250, 63


 251, 250, 255

 226, 250, 38

 254, 250, 255

 223, 250, 13

 255, 250, 255

 221, 250, 0

Harmonies

Analogous

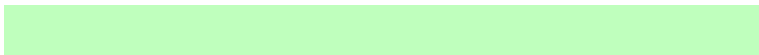
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 236, 159



240, 250, 163



191, 255, 189

Triad

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



240, 250, 163



107, 255, 255



255, 212, 255

Complementary

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



240, 250, 163



173, 163, 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.



255, 221, 255



240, 250, 163



166, 251, 255

Square

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



240, 250, 163



97, 255, 255



232, 236, 255



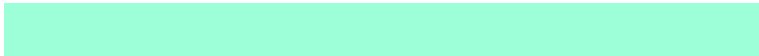
255, 212, 213

Rectangle

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



240, 250, 163



157, 255, 215



232, 236, 255



255, 214, 255

Sweetspot

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



240, 250, 163



252, 255, 230



250, 172, 163



126, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

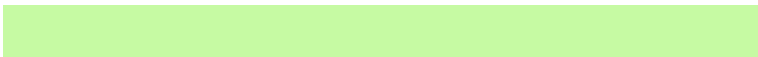
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240, 250, 163



243, 255, 148



198, 250, 163



124, 125, 112



167, 189, 0



54, 61, 0

Inverse Universe

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



173, 163, 250



160, 148, 255



215, 163, 250



114, 112, 125



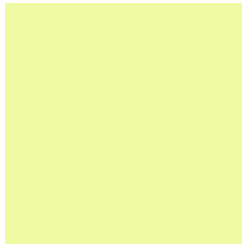
22, 0, 189



7, 0, 61

Previews

White Background



This preview shows how the RGB color 240, 250, 163 looks on a white background.

Color Contrast Check

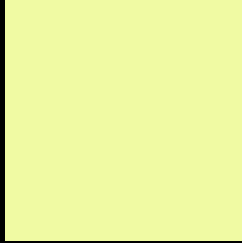
Large Text (above 18pt) WCAG AA × Fail

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 240, 250, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

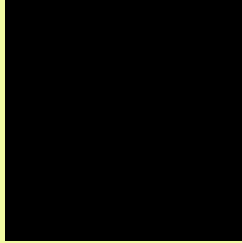
Any Text WCAG AA ✓ Pass

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 240, 250, 163 Background



This preview shows how black text looks on a background with the RGB color 240, 250, 163.

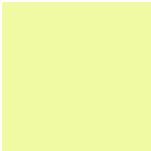
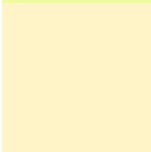
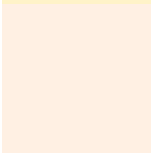


This preview shows how white text looks on a background with the RGB color 240, 250, 163.

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 240, 250, 163
	Protanopia 255, 243, 200
	Deuteranopia 255, 240, 227



Tritanopia

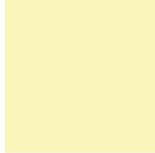
250, 239, 255

Trichromacy



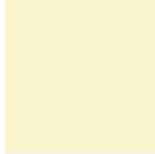
Original Color

240, 250, 163



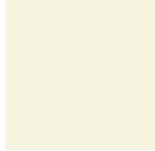
Protanomaly

250, 246, 187



Deuteranomaly

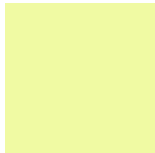
250, 244, 204



Tritanomaly

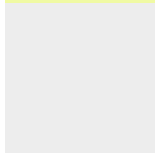
246, 243, 222

Monochromacy



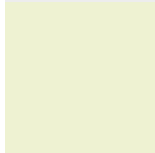
Original Color

240, 250, 163



Achromatopsia

237, 237, 237



Achromatomaly

238, 242, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 250, 163 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(240, 250, 163)` looks like.

```
.text, #text, p{  
    color:rgb(240, 250, 163)  
}
```

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(240, 250, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 250, 163) }
```

Border

The CSS property to change the border of an element to RGB 240, 250, 163 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(240, 250, 163) }
```

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

```
.border{ border-color:rgb(240, 250, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 250, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 250, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 250, 163);  
box-shadow:4px 4px 4px 4px rgb(240, 250,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 240, 250, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 250, 163) }
```

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

```
.background{ background-color: rgb(240,  
250, 163) }
```

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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