Converting Colors

RGB(230, 254, 154)

Have a look what the booklet for RGB(230, 254, 154) contains.

Color

RGB(230, 254, 154)

Conversions

Conversions Part 1

Format	Color
Hex	E6FE9A
RGB	230, 254, 154
RGB Percent	90%, 100%, 60%
CMY	0.0980, 0.0039, 0.3961
CMYK	0.09, 0.00, 0.39, 0.00
HSL	74°, 98%, 80%
HSV	74°, 39%, 100%
XYZ	73.9077, 90.0397, 44.0559
YIQ	235.4240, 17.7960, -36.1880

Conversions

Conversions Part 2

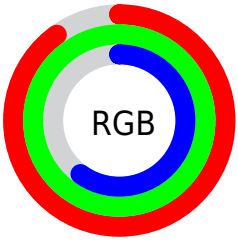
Format	Color
RYB	154, 254, 178
Decimal	15138458
CIELab	96.01, -23.03, 45.20
CIELCh	96, 50.730, 117.001
Yxy	90.0397, 0.3553, 0.4329
Android (android.graphics.Color)	4293328538 (0xFFE6FE9A)
YUV	235.4240, -40.1420, -4.7568
Hunter-Lab	94.8893, -27.0255, 38.8949

Details

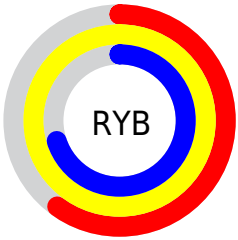
The RGB color 230, 254, 154 is a light color, and the websafe version is hex FFFF99. A complement of this color would be 178, 154, 254, and the grayscale version is 236, 236, 236.

A 20% lighter version of the original color is 255, 255, 210, and 173, 197, 101 is the 20% darker color. If you saturate the color by 10%, you get 224, 254, 129, and if you desaturate by 10%, it is 236, 254, 179.

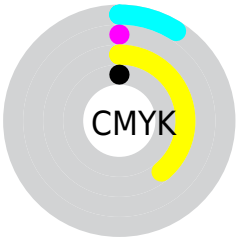
Distribution



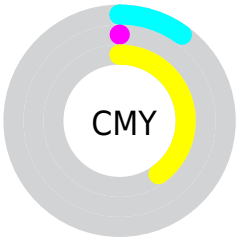
- Red (90%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (70%)



- Cyan (9%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 254, 154 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 230, 254, 154 by changing the saturation by 10% instead.

230, 254, 154

255, 255, 255

255, 255, 210

255, 255, 238

230, 254, 154

201, 225, 127

173, 197, 101

146, 170, 75

119, 143, 50

93, 118, 23

67, 93, 0

43, 69, 0

16, 47, 0

0, 28, 0

230, 254, 154	230, 254, 154
224, 254, 129	236, 254, 179
218, 254, 103	242, 254, 205
212, 254, 78	248, 254, 230
206, 254, 52	254, 254, 255
200, 254, 27	255, 254, 255
193, 254, 2	
193, 254, 0	

Harmonies

Analogous

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

255, 239, 144

230, 254, 154

172, 255, 188

Triad

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

230, 254, 154

64, 255, 255

255, 205, 250

Complementary

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

230, 254, 154

178, 154, 254

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, 215, 255

230, 254, 154

162, 250, 255

Square

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

230, 254, 154

0, 255, 255

242, 233, 255

255, 208, 201

Rectangle

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

230, 254, 154

128, 255, 220

242, 233, 255

255, 207, 255

Sweetspot

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

230, 254, 154

248, 255, 224

254, 177, 154

123, 128, 110

0, 0, 0

128, 128, 128

Same Dimension

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

230, 254, 154

226, 255, 135

181, 254, 154

124, 128, 115

145, 191, 0

48, 64, 0

Inverse Universe

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

178, 154, 254

164, 135, 255

227, 154, 254

118, 115, 128

46, 0, 191

15, 0, 64

Previews

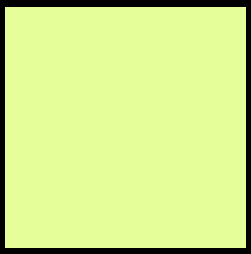
White Background

This preview shows how the RGB color 230, 254, 154 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



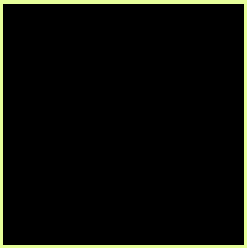
This preview shows how the RGB color 230, 254, 154 looks on a black background.

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 230, 254, 154 Background



This preview shows how black text looks on a background with the RGB color 230, 254, 154.

This preview shows how white text looks on a background with the RGB color 230, 254, 154.

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
230, 254, 154

Protanopia
255, 243, 201

Deuteranopia
255, 241, 228

Tritanopia
243, 242, 255

Trichromacy

Original Color
230, 254, 154

Protanomaly
246, 247, 184

Deuteranomaly
246, 246, 201

Tritanomaly
238, 246, 218

Monochromacy

Original Color
230, 254, 154

Achromatopsia
235, 235, 235

Achromatomaly
233, 242, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 254, 154 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(230, 254, 154) looks like.

```
.text, #text, p{
    color:rgb(230, 254, 154)
}
```

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(230, 254, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 254, 154) }
```

Border

The CSS property to change the border of an element to RGB 230, 254, 154 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(230, 254, 154) }
```

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

```
.border{ border-color:rgb(230, 254, 154) }
```

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

Here you see how a box with a 4 pixel rgb(230, 254, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 254, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 254, 154); box-shadow:4px 4px 4px 4px rgb(230, 254, 154) }
```

Background

The CSS property to change the background color of an element to RGB 230, 254, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(230, 254, 154) }
```

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

```
.background{ background-color:rgb(230,
254, 154) }
```

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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