Converting Colors

RGB(247, 250, 147)

Have a look what the booklet for RGB(247, 250, 147) contains.

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Color

RGB(247, 250, 147)

Conversions

Conversions Part 1

Format	Color
Hex	F7FA93
RGB	247, 250, 147
RGB Percent	97%, 98%, 58%
CMY	0.0314, 0.0196, 0.4235
CMYK	0.01, 0.00, 0.41, 0.02
HSL	62°, 91%, 78%
HSV	62°, 41%, 98%
XYZ	77.8098, 90.2520, 40.9231
YIQ	237.3610, 31.2750, -32.6690

Conversions

Conversions Part 2

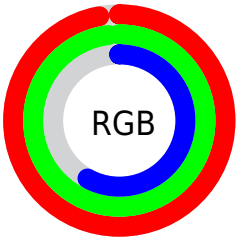
Format	Color
RYB	147, 250, 150
Decimal	16251539
CIELab	96.10, -15.46, 48.94
CIELCh	96, 51.328, 107.527
Yxy	90.2520, 0.3723, 0.4319
Android (android.graphics.Color)	4294441619 (0xFFF7FA93)
YUV	237.3610, -44.5480, 8.4534
Hunter-Lab	95.0010, -20.0528, 40.9607

Details

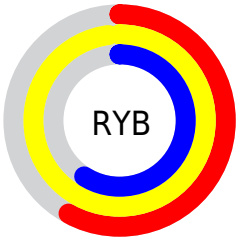
The RGB color 247, 250, 147 is a light color, and the websafe version is hex FFFF99. A complement of this color would be 150, 147, 250, and the grayscale version is 238, 238, 238.

A 20% lighter version of the original color is 255, 255, 202, and 189, 194, 94 is the 20% darker color. If you saturate the color by 10%, you get 246, 250, 122, and if you desaturate by 10%, it is 248, 250, 172.

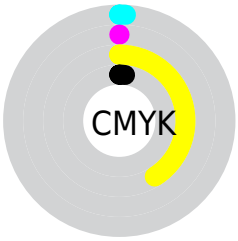
Distribution



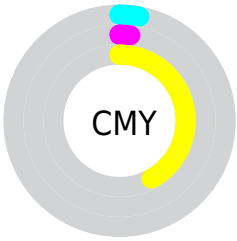
- Red (97%)
- Green (98%)
- Blue (58%)



- Red (58%)
- Yellow (98%)
- Blue (59%)



- Cyan (1%)
- Magenta (0%)
- Yellow (41%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 250, 147 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 247, 250, 147 by changing the saturation by 10% instead.

247, 250, 147

255, 255, 255

255, 255, 202

255, 255, 231

247, 250, 147

218, 221, 120

189, 194, 94

161, 167, 68

134, 140, 42

107, 115, 12

81, 90, 0

56, 67, 0

30, 45, 0

0, 26, 0

247, 250, 147

246, 250, 122

246, 250, 97

245, 250, 72

244, 250, 47

243, 250, 22

243, 250, 0

247, 250, 147

248, 250, 172

248, 250, 197

249, 250, 222

250, 250, 247

251, 250, 255

251, 250, 255

252, 250, 255

253, 250, 255

254, 250, 255

Harmonies

Analogous

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

255, 234, 146

247, 250, 147

191, 255, 175

Triad

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

247, 250, 147

0, 255, 255

255, 207, 255

Complementary

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

247, 250, 147

150, 147, 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, 220, 255

247, 250, 147

131, 255, 255

Square

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

247, 250, 147

30, 255, 255

218, 239, 255

255, 206, 216

Rectangle

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

247, 250, 147

148, 255, 204

218, 239, 255

255, 210, 255

Sweetspot

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

247, 250, 147

254, 255, 224

250, 149, 147

127, 128, 110

0, 0, 0

128, 128, 128

Same Dimension

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

247, 250, 147

251, 255, 130

197, 250, 147

125, 125, 112

183, 189, 0

59, 61, 0

Inverse Universe

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

150, 147, 250

134, 130, 255

200, 147, 250

113, 112, 125

5, 0, 189

2, 0, 61

Previews

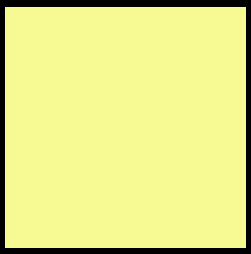
White Background

This preview shows how the RGB color 247, 250, 147 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



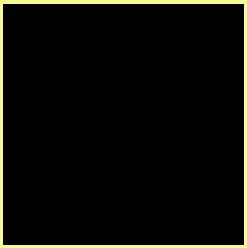
This preview shows how the RGB color 247, 250, 147 looks on a black background.

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 247, 250, 147 Background



This preview shows how black text looks on a background with the RGB color 247, 250, 147.

This preview shows how white text looks on a background with the RGB color 247, 250, 147.

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
247, 250, 147

Protanopia
255, 244, 203

Deuteranopia
255, 241, 228

Tritanopia
255, 239, 252

Trichromacy

Original Color
247, 250, 147

Protanomaly
252, 246, 183

Deuteranomaly
252, 244, 199

Tritanomaly
252, 243, 214

Monochromacy

Original Color
247, 250, 147

Achromatopsia
237, 237, 237

Achromatomaly
241, 242, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 250, 147 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(247, 250, 147) looks like.

```
.text, #text, p{
    color:rgb(247, 250, 147)
}
```

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(247, 250, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 147) }
```

Border

The CSS property to change the border of an element to RGB 247, 250, 147 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(247, 250, 147) }
```

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

```
.border{ border-color:rgb(247, 250, 147) }
```

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

Here you see how a box with a 4 pixel rgb(247, 250, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 250, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 250, 147); box-shadow:4px 4px 4px 4px rgb(247, 250, 147) }
```

Background

The CSS property to change the background color of an element to RGB 247, 250, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(247, 250, 147) }
```

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

```
.background{ background-color:rgb(247,
250, 147) }
```

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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