

Converting Colors

RGB(224, 241, 149)

Have a look what the booklet for
RGB(224, 241, 149) contains.

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Color

RGB(224, 241, 149)

Conversions

Conversions Part 1

Format	Color
Hex	E0F195
RGB	224, 241, 149
RGB Percent	88%, 95%, 58%
CMY	0.1216, 0.0549, 0.4157
CMYK	0.07, 0.00, 0.38, 0.05
HSL	71°, 77%, 76%
HSV	71°, 38%, 95%
XYZ	67.6206, 80.9278, 40.4904
YIQ	225.4290, 19.4000, -32.2160

Conversions

Conversions Part 2

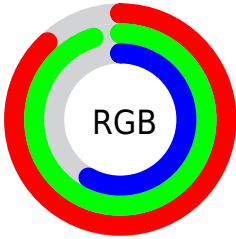
Format	Color
RYB	149, 241, 166
Decimal	14741909
CIELab	92.10, -19.59, 42.56
CIElCh	92, 46.848, 114.716
Yxy	80.9278, 0.3577, 0.4281
Android (android.graphics.Color)	4292931989 (0xFFE0F195)
YUV	225.4290, -37.6795, -1.2532
Hunter-Lab	89.9599, -23.2558, 36.2858

Details

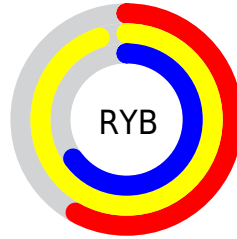
The RGB color **224, 241, 149** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **166, 149, 241**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 204**, and **167, 185, 97** is the 20% darker color. If you saturate the color by 10%, you get **220, 241, 125**, and if you desaturate by 10%, it is **228, 241, 173**.

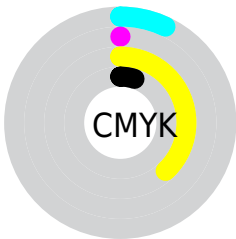
Distribution



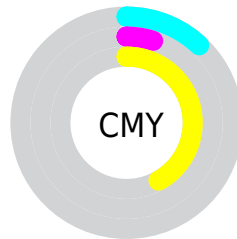
- Red (88%)
- Green (95%)
- Blue (58%)



- Red (58%)
- Yellow (95%)
- Blue (65%)



- Cyan (7%)
- Magenta (0%)
- Yellow (38%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 241, 149 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 224, 241, 149 by changing the saturation by 10% instead.

 224, 241, 149

 224, 241, 149


255, 255, 255

 195, 213, 122

 255, 255, 204

 167, 185, 97

 255, 255, 233

 140, 158, 71

 114, 132, 46

 88, 107, 20

 63, 82, 0

 39, 59, 0

 13, 38, 0

 0, 14, 0

 224, 241, 149


 224, 241, 149

 220, 241, 125

 228, 241, 173

 215, 241, 101


 233, 241, 197

 211, 241, 77

 237, 241, 221

 206, 241, 53

 242, 241, 245

 202, 241, 29

 246, 241, 255

 197, 241, 4

 251, 241, 255

 196, 241, 0

 255, 241, 255

Harmonies

Analogous

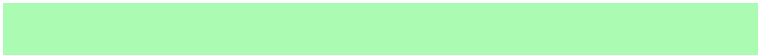
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 227, 142



224, 241, 149



171, 251, 179

Triad

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



224, 241, 149



75, 250, 255



255, 198, 242

Complementary

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



224, 241, 149



166, 149, 241

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, 208, 255



224, 241, 149



154, 239, 255

Square

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



224, 241, 149



51, 255, 255



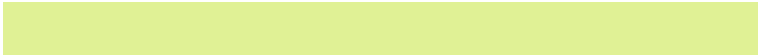
226, 224, 255



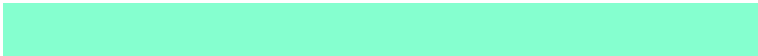
255, 200, 197

Rectangle

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



224, 241, 149



133, 255, 207



226, 224, 255



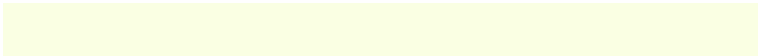
255, 200, 255

Sweetspot

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



224, 241, 149



250, 255, 227



241, 166, 149



124, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

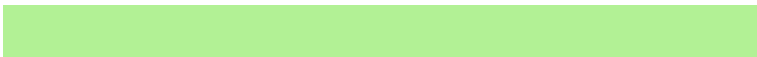
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224, 241, 149



233, 255, 138



178, 241, 149



118, 120, 108



150, 184, 0



46, 56, 0

Inverse Universe

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



166, 149, 241



159, 138, 255



212, 149, 241



110, 108, 120



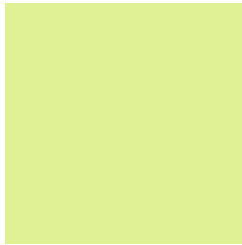
34, 0, 184



10, 0, 56

Previews

White Background



This preview shows how the RGB color 224, 241, 149 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 224, 241, 149 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 224, 241, 149 Background



This preview shows how black text looks on a background with the RGB color 224, 241, 149.

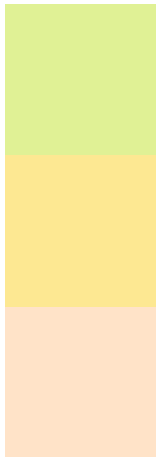


This preview shows how white text looks on a background with the RGB color 224, 241, 149.

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
224, 241, 149

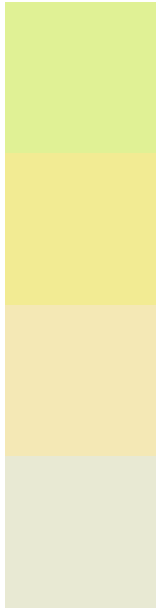
Protanopia
253, 232, 146

Deuteranopia
255, 227, 200



Tritanopia
236, 229, 247

Trichromacy



Original Color

224, 241, 149

Protanomaly

242, 235, 147

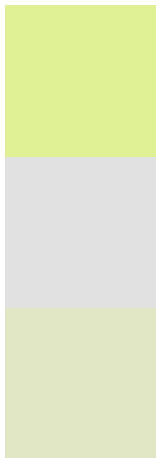
Deuteranomaly

244, 232, 181

Tritanomaly

232, 233, 211

Monochromacy



Original Color

224, 241, 149

Achromatopsia

225, 225, 225

Achromatomaly

225, 231, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 241, 149 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(224, 241, 149)` looks like.

```
.text, #text, p{  
    color:rgb(224, 241, 149)  
}
```

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(224, 241, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 241, 149) }
```

Border

The CSS property to change the border of an element to RGB 224, 241, 149 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(224, 241, 149) }
```

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

```
.border{ border-color:rgb(224, 241, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 241, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 241, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 241, 149);  
box-shadow:4px 4px 4px 4px rgb(224, 241,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 224, 241, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 241, 149) }
```

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

```
.background{ background-color: rgb(224,  
241, 149) }
```

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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