

Converting Colors

RGB(237, 229, 149)

Have a look what the booklet for
RGB(237, 229, 149) contains.

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Color

RGB(237, 229, 149)

Conversions

Conversions Part 1

Format	Color
Hex	EDE595
RGB	237, 229, 149
RGB Percent	93%, 90%, 58%
CMY	0.0706, 0.1020, 0.4157
CMYK	0.00, 0.03, 0.37, 0.07
HSL	55°, 71%, 76%
HSV	55°, 37%, 93%
XYZ	68.3692, 76.2131, 39.5409
YIQ	222.2720, 30.4480, -23.1840

Conversions

Conversions Part 2

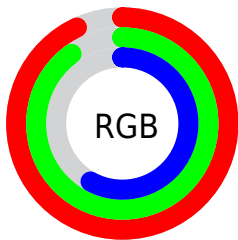
Format	Color
R _Y B	158, 237, 149
Decimal	15590805
CIE Lab	89.96, -8.72, 40.00
CIE LCh	90, 40.936, 102.295
Yxy	76.2131, 0.3713, 0.4139
Android (android.graphics.Color)	4293780885 (0xFFEDE595)
YUV	222.2720, -36.1231, 12.9165
Hunter-Lab	87.3001, -12.9827, 34.2558

Details

The RGB color **237, 229, 149** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **149, 157, 237**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 204**, and **180, 174, 97** is the 20% darker color. If you saturate the color by 10%, you get **237, 227, 125**, and if you desaturate by 10%, it is **237, 231, 173**.

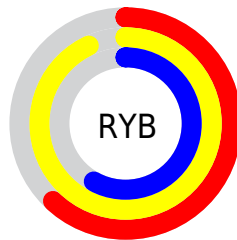
Distribution



Red (93%)

Green (90%)

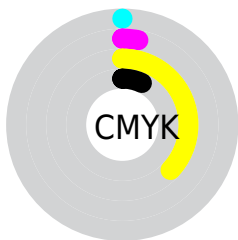
Blue (58%)



Red (62%)

Yellow (93%)

Blue (58%)

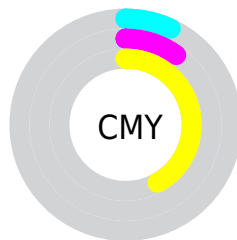


Cyan (0%)

Magenta (3%)

Yellow (37%)

Black (7%)



Cyan (7%)

Magenta (10%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 229, 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 237, 229, 149 by changing the saturation by 10% instead.

 237, 229, 149

 237, 229, 149

255, 255, 255

 208, 201, 123

 255, 255, 204

 180, 174, 97

 255, 255, 232

 152, 147, 72

 125, 122, 48

 99, 97, 23

 74, 73, 0

 50, 51, 0

 25, 30, 0

 0, 0, 0

 237, 229, 149

 237, 229, 149

 237, 227, 125

 237, 231, 173

 237, 225, 102

 237, 233, 196

 237, 223, 78

 237, 235, 220

 237, 220, 54

 237, 238, 244

 237, 218, 31

 237, 240, 255

 237, 216, 7

 237, 242, 255

 237, 215, 0

 237, 244, 255

 237, 246, 255

 237, 248, 255

Harmonies

Analogous

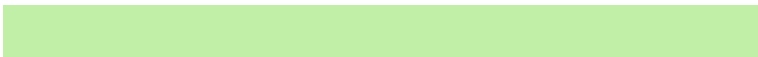
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 216, 152



237, 229, 149



193, 239, 167

Triad

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



237, 229, 149



93, 245, 255



255, 199, 251

Complementary

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



237, 229, 149



149, 157, 237

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.



252, 210, 255



237, 229, 149



137, 237, 255

Square

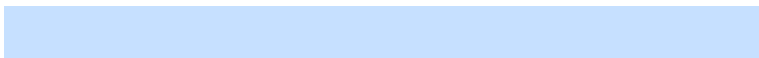
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237, 229, 149



103, 248, 242



198, 224, 255



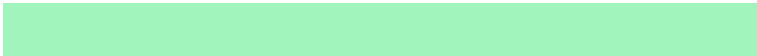
255, 197, 211

Rectangle

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



237, 229, 149



162, 244, 189



198, 224, 255



255, 202, 255

Sweetspot

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



237, 229, 149



255, 252, 227



237, 149, 158



128, 126, 111



0, 0, 0



128, 128, 128

Same Dimension

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



237, 229, 149



255, 245, 140



202, 237, 149



117, 116, 106



181, 165, 0



54, 49, 0

Inverse Universe

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



149, 157, 237



140, 151, 255



184, 149, 237



106, 107, 117



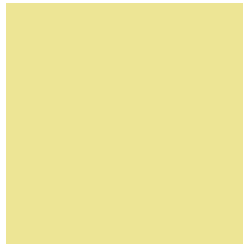
0, 16, 181



0, 5, 54

Previews

White Background



This preview shows how the RGB color 237, 229, 149 looks on a white background.

Color Contrast Check

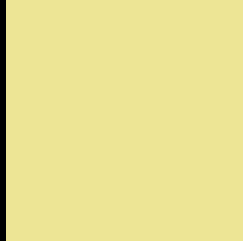
Large Text (above 18pt) WCAG AA × Fail

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 237, 229, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

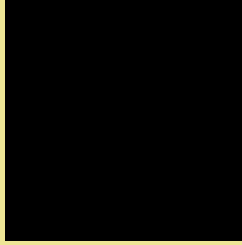
Any Text WCAG AA ✓ Pass

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 237, 229, 149 Background



This preview shows how black text looks on a background with the RGB color 237, 229, 149.

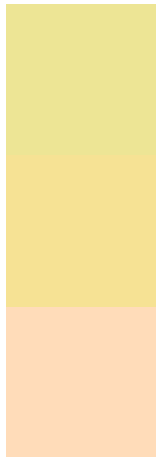


This preview shows how white text looks on a background with the RGB color 237, 229, 149.

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
237, 229, 149

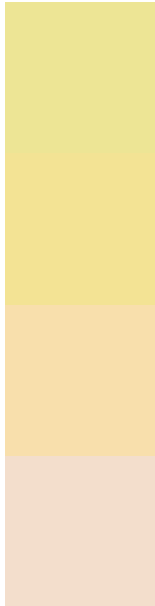
Protanopia
246, 226, 148

Deuteranopia
255, 220, 185



Tritanopia
247, 218, 235

Trichromacy



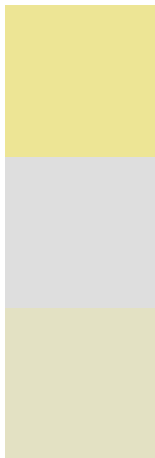
Original Color
237, 229, 149

Protanomaly
243, 227, 148

Deuteranomaly
248, 223, 172

Tritanomaly
243, 222, 204

Monochromacy



Original Color
237, 229, 149

Achromatopsia
222, 222, 222

Achromatomaly
227, 225, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 229, 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(237, 229, 149)` looks like.

```
.text, #text, p{  
    color:rgb(237, 229, 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(237, 229, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 229, 149) }
```

Border

The CSS property to change the border of an element to RGB 237, 229, 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(237, 229, 149) }
```

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

```
.border{ border-color:rgb(237, 229, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 229, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 229, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 229, 149); box-shadow:4px 4px 4px 4px rgb(237, 229, 149) }
```

Background

The CSS property to change the background color of an element to RGB 237, 229, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 229, 149) }
```

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

```
.background{ background-color: rgb(237,  
229, 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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