

Converting Colors

RGB(247, 224, 150)

Have a look what the booklet for
RGB(247, 224, 150) contains.

RGB(247, 224, 150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(247, 224, 150)

Conversions

Conversions Part 1

Format	Color
Hex	F7E096
RGB	247, 224, 150
RGB Percent	97%, 88%, 59%
CMY	0.0314, 0.1216, 0.4118
CMYK	0.00, 0.09, 0.39, 0.03
HSL	46°, 86%, 78%
HSV	46°, 39%, 97%
XYZ	70.5184, 75.2875, 39.6694
YIQ	222.4410, 37.4620, -18.1380

Conversions

Conversions Part 2

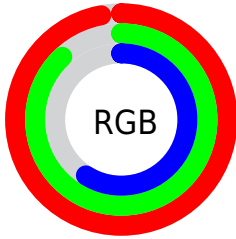
Format	Color
R _Y B	180, 247, 150
Decimal	16244886
CIE Lab	89.53, -2.21, 39.10
CIE LCh	90, 39.163, 93.241
Yxy	75.2875, 0.3802, 0.4059
Android (android.graphics.Color)	4294434966 (0xFF7E096)
YUV	222.4410, -35.7134, 21.5382
Hunter-Lab	86.7684, -6.7740, 33.6312

Details

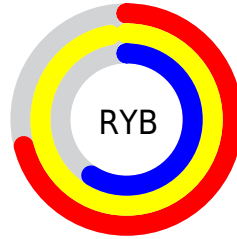
The RGB color **247, 224, 150** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **150, 173, 247**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 205**, and **189, 169, 98** is the 20% darker color. If you saturate the color by 10%, you get **247, 218, 125**, and if you desaturate by 10%, it is **247, 230, 175**.

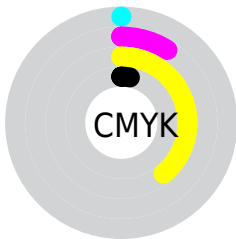
Distribution



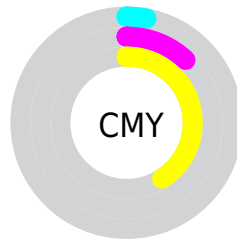
- Red (97%)
- Green (88%)
- Blue (59%)



- Red (71%)
- Yellow (97%)
- Blue (59%)



- Cyan (0%)
- Magenta (9%)
- Yellow (39%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RGB color 247, 224, 150 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, 224, 150 by changing the saturation by 10% instead.

 247, 224, 150

 247, 224, 150


255, 255, 255

 218, 196, 124

 255, 255, 205


 189, 169, 98

 255, 255, 233

 161, 143, 73

 134, 117, 49

 107, 93, 24

 81, 69, 0

 57, 47, 0

 32, 27, 0

 0, 0, 0

 247, 224, 150


 247, 224, 150

 247, 218, 125


 247, 230, 175

 247, 212, 101


 247, 236, 199

 247, 206, 76

 247, 242, 224

 247, 201, 51

 247, 247, 249

 247, 195, 26

 247, 253, 255

 247, 189, 2

 247, 255, 255

 247, 188, 0

Harmonies

Analogous

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



255, 211, 159



247, 224, 150



207, 235, 161

Triad

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



247, 224, 150



99, 244, 255



255, 202, 255

Complementary

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



247, 224, 150



150, 173, 247

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.



235, 214, 255



247, 224, 150



126, 238, 255

Square

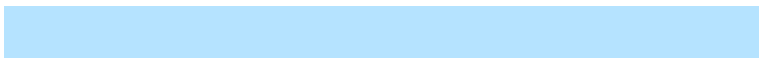
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247, 224, 150



121, 246, 228



181, 227, 255



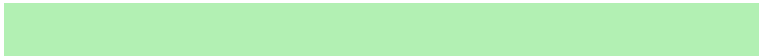
255, 197, 222

Rectangle

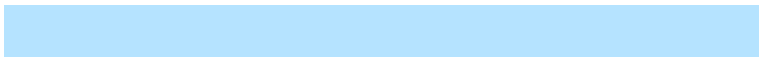
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247, 224, 150



178, 240, 179



181, 227, 255



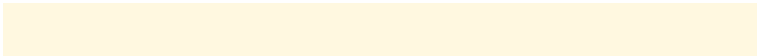
255, 206, 255

Sweetspot

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



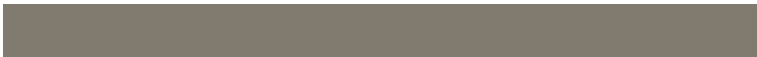
247, 224, 150



255, 248, 224



247, 150, 174



128, 123, 110



0, 0, 0



128, 128, 128

Same Dimension

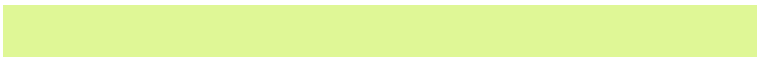
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247, 224, 150



255, 227, 135



223, 247, 150



122, 119, 110



186, 142, 0



59, 45, 0

Inverse Universe

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



150, 173, 247



135, 164, 255



174, 150, 247



110, 113, 122



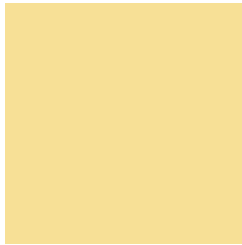
0, 44, 186



0, 14, 59

Previews

White Background



This preview shows how the RGB color 247, 224, 150 looks on a white background.

Color Contrast Check

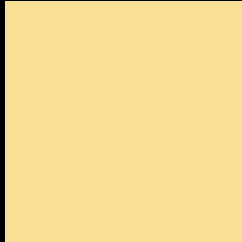
Large Text (above 18pt) WCAG AA × Fail

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, 224, 150 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, 224, 150 Background



This preview shows how black text looks on a background with the RGB color 247, 224, 150.



This preview shows how white text looks on a background with the RGB color 247, 224, 150.

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](#).

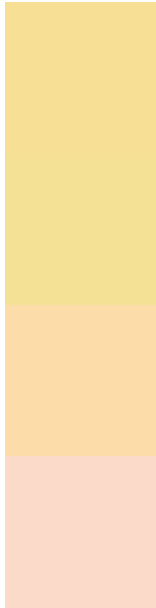
Dichromacy

	Original Color 247, 224, 150
	Protanopia 244, 225, 150
	Deuteranopia 255, 219, 182



Tritanopia
255, 214, 230

Trichromacy



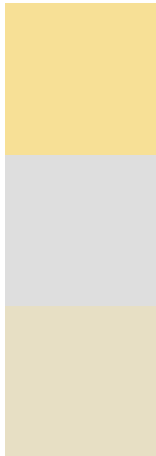
Original Color
247, 224, 150

Protanomaly
245, 225, 150

Deuteranomaly
252, 221, 170

Tritanomaly
252, 218, 201

Monochromacy



Original Color
247, 224, 150

Achromatopsia
222, 222, 222

Achromatomaly
231, 223, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 224, 150 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, 224, 150)` looks like.

```
.text, #text, p{  
    color:rgb(247, 224, 150)  
}
```

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, 224, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 224, 150) }
```

Border

The CSS property to change the border of an element to RGB 247, 224, 150 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, 224, 150) }
```

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

```
.border{ border-color:rgb(247, 224, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 224, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 224, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 224, 150);  
box-shadow:4px 4px 4px 4px rgb(247, 224,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 247, 224, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 224, 150) }
```

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

```
.background{ background-color: rgb(247,  
224, 150) }
```

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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