

Converting Colors

`RYB(234, 219, 134)`

Have a look what the booklet for
RYB(234, 219, 134) contains.

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Color

R_YB(234, 219, 134)

Conversions

Conversions Part 1

Format	Color
Hex	EAB486
RGB	234, 180, 134
RGB Percent	92%, 71%, 53%
CMY	0.0824, 0.2943, 0.4745
CMYK	0.00, 0.23, 0.43, 0.08
HSL	28°, 70%, 72%
HSV	28°, 43%, 92%
XYZ	54.5451, 51.8344, 29.6844
YIQ	190.9020, 46.9500, -2.8580

Conversions

Conversions Part 2

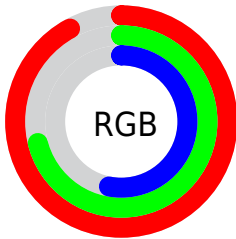
Format	Color
RYB	234, 219, 134
Decimal	15381638
CIELab	77.18, 13.86, 30.97
CIELCh	77, 33.933, 65.894
Yxy	51.8344, 0.4009, 0.3810
Android (android.graphics.Color)	4293571718 (0xFFEAB486)
YUV	190.9020, -28.0527, 37.7969
Hunter-Lab	71.9961, 9.2406, 25.9516

Details

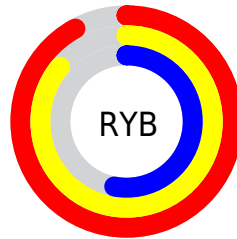
The RYB color **234, 219, 134** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **134, 169, 234**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **215, 255, 188**, and **176, 165, 84** is the 20% darker color. If you saturate the color by 10%, you get **234, 214, 111**, and if you desaturate by 10%, it is **234, 225, 157**.

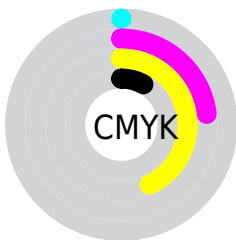
Distribution



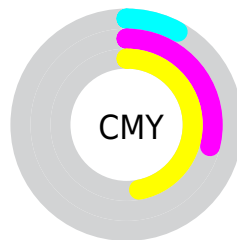
- Red (92%)
- Green (71%)
- Blue (53%)



- Red (92%)
- Yellow (86%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (43%)
- Black (8%)



- Cyan (8%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 219, 134 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 RYB color 234, 219, 134 by changing the saturation by 10% instead.

 234, 219, 134

 234, 219, 134


255, 255, 255

 205, 192, 108


 215, 255, 188

 176, 165, 84

 215, 255, 215

 148, 140, 60

 244, 255, 244

 121, 117, 37

 92, 94, 15

 69, 63, 0

 43, 19, 0

 4, 0, 0

 0, 0, 0

■ 234, 219, 134

■ 234, 219, 134

■ 234, 214, 111

■ 234, 225, 157

■ 234, 214, 87

■ 234, 225, 181

■ 234, 208, 64

■ 234, 230, 204

■ 234, 204, 40

■ 234, 234, 228

■ 234, 202, 17

■ 234, 240, 251

■ 234, 201, 0

■ 234, 245, 255

Harmonies

Analogous

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



251, 174, 155



234, 219, 134



147, 206, 128

Triad

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



234, 219, 134



101, 158, 208



203, 180, 242

Complementary

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



234, 219, 134



134, 169, 234

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.



158, 182, 253



234, 219, 134



87, 151, 226

Square

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



234, 219, 134



135, 185, 206



112, 166, 247



236, 171, 217

Rectangle

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



234, 219, 134



133, 197, 146



112, 166, 247



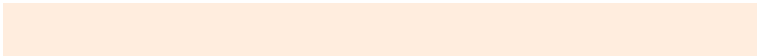
189, 184, 247

Sweetspot

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



234, 219, 134



255, 250, 222



234, 134, 189



128, 123, 107



0, 0, 0



128, 128, 128

Same Dimension

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



234, 219, 134



255, 236, 125



139, 234, 134



117, 115, 106



181, 153, 0



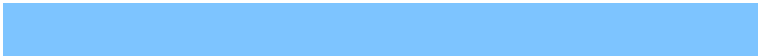
54, 47, 0

Inverse Universe

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



134, 169, 234



125, 171, 255



134, 139, 234



106, 110, 117



0, 64, 181



0, 19, 54

Previews

White Background



This preview shows how the RYB color 234, 219, 134 looks on a white background.

Color Contrast Check

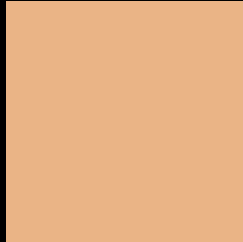
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 234, 219, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

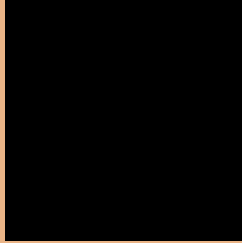
Any Text WCAG AA ✓ Pass

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](#).

RYB 234, 219, 134 Background



This preview shows how black text looks on a background with the RYB color 234, 219, 134.



This preview shows how white text looks on a background with the RYB color 234, 219, 134.

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
234, 219, 134

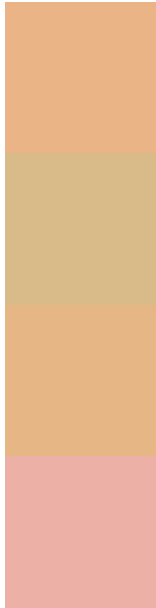
Protanopia
157, 205, 139

Deuteranopia
216, 227, 133



Tritanopia
239, 173, 186

Trichromacy



Original Color

234, 219, 134

Protanomaly

183, 216, 137

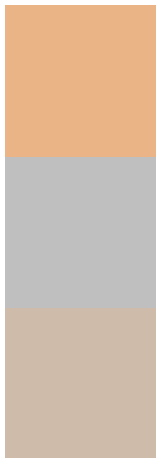
Deuteranomaly

228, 230, 133

Tritanomaly

237, 177, 167

Monochromacy



Original Color

234, 219, 134

Achromatopsia

191, 191, 191

Achromatomaly

207, 201, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 219, 134 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(234, 180, 134)` looks like.

```
.text, #text, p{  
    color:rgb(234, 180, 134)  
}
```

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(234, 180, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 180, 134) }
```

Border

The CSS property to change the border of an element to RYB 234, 219, 134 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(234, 180, 134) }
```

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

```
.border{ border-color:rgb(234, 180, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 180, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 180, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 180, 134);  
box-shadow:4px 4px 4px 4px rgb(234, 180,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 234, 219, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 180, 134) }
```

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

```
.background{ background-color: rgb(234,  
180, 134) }
```

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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