

Converting Colors

RGB(240, 228, 115)

Have a look what the booklet for
RGB(240, 228, 115) contains.

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Color

RGB(240, 228, 115)

Conversions

Conversions Part 1

Format	Color
Hex	F0E473
RGB	240, 228, 115
RGB Percent	94%, 89%, 45%
CMY	0.0588, 0.1059, 0.5490
CMYK	0.00, 0.05, 0.52, 0.06
HSL	54°, 81%, 70%
HSV	54°, 52%, 94%
XYZ	66.7731, 75.2499, 27.2250
YIQ	218.7060, 43.4250, -32.5990

Conversions

Conversions Part 2

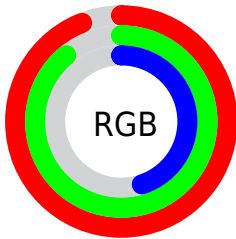
Format	Color
RYB	128, 240, 115
Decimal	15787123
CIELab	89.51, -10.30, 55.91
CIElCh	90, 56.855, 100.436
Yxy	75.2499, 0.3945, 0.4446
Android (android.graphics.Color)	4293977203 (0xFFFF0E473)
YUV	218.7060, -51.1271, 18.6748
Hunter-Lab	86.7467, -14.4067, 42.1148

Details

The RGB color **240, 228, 115** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **115, 127, 240**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 170**, and **182, 173, 62** is the 20% darker color. If you saturate the color by 10%, you get **240, 226, 91**, and if you desaturate by 10%, it is **240, 230, 139**.

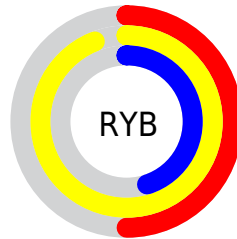
Distribution



Red (94%)

Green (89%)

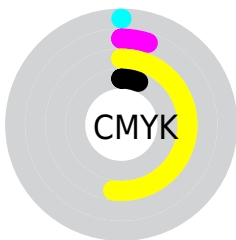
Blue (45%)



Red (50%)

Yellow (94%)

Blue (45%)

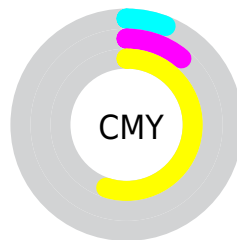


Cyan (0%)

Magenta (5%)

Yellow (52%)

Black (6%)



Cyan (6%)

Magenta (11%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 228, 115 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 240, 228, 115 by changing the saturation by 10% instead.

 240, 228, 115


255, 255, 255

 255, 255, 170


 255, 255, 198

 255, 255, 226

 240, 228, 115

 211, 200, 88

 182, 173, 62

 153, 146, 34

 125, 121, 0

 98, 96, 0

 72, 73, 0


 46, 50, 0

 22, 30, 0


 0, 0, 0

 240, 228, 115


 240, 228, 115

 240, 226, 91


 240, 230, 139

 240, 223, 67

 240, 233, 163

 240, 221, 43

 240, 235, 187

 240, 219, 19

 240, 237, 211

 240, 217, 0

 240, 240, 235

 240, 242, 255

 240, 244, 255

 240, 246, 255

 240, 249, 255

Harmonies

Analogous

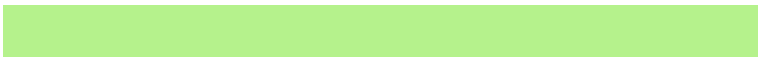
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 209, 122



240, 228, 115



181, 242, 140

Triad

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



240, 228, 115



0, 250, 255



255, 186, 255

Complementary

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



240, 228, 115



115, 127, 240

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, 203, 255



240, 228, 115



0, 241, 255

Square

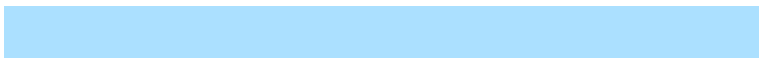
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240, 228, 115



0, 253, 243



171, 224, 255



255, 180, 208

Rectangle

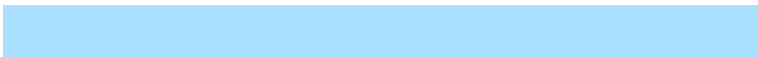
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240, 228, 115



134, 248, 169



171, 224, 255



255, 191, 255

Sweetspot

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



240, 228, 115



255, 251, 214



240, 115, 128



128, 125, 103



0, 0, 0



128, 128, 128

Same Dimension

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



240, 228, 115



255, 240, 94



190, 240, 115



120, 119, 108



184, 166, 0



56, 51, 0

Inverse Universe

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



115, 127, 240



94, 110, 255



165, 115, 240



108, 109, 120



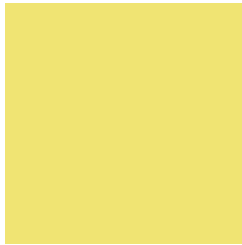
0, 18, 184



0, 5, 56

Previews

White Background



This preview shows how the RGB color 240, 228, 115 looks on a white background.

Color Contrast Check

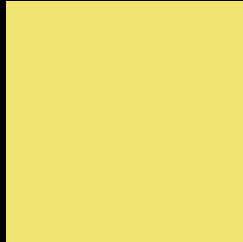
Large Text (above 18pt) WCAG AA × Fail

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 240, 228, 115 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 240, 228, 115 Background



This preview shows how black text looks on a background with the RGB color 240, 228, 115.



This preview shows how white text looks on a background with the RGB color 240, 228, 115.

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
240, 228, 115

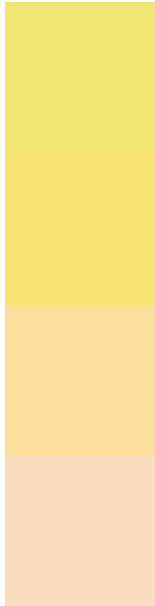
Protanopia
248, 225, 114

Deuteranopia
255, 219, 175



Tritanopia
252, 215, 232

Trichromacy



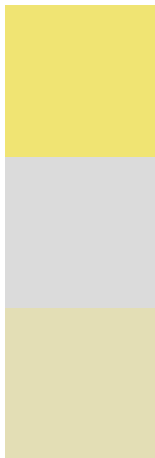
Original Color
240, 228, 115

Protanomaly
245, 226, 114

Deuteranomaly
250, 222, 153

Tritanomaly
248, 220, 189

Monochromacy



Original Color
240, 228, 115

Achromatopsia
219, 219, 219

Achromatomaly
227, 222, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 228, 115 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(240, 228, 115)` looks like.

```
.text, #text, p{  
    color:rgb(240, 228, 115)  
}
```

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(240, 228, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 228, 115) }
```

Border

The CSS property to change the border of an element to RGB 240, 228, 115 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(240, 228, 115) }
```

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

```
.border{ border-color:rgb(240, 228, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 228, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 228, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 228, 115); box-shadow:4px 4px 4px 4px rgb(240, 228, 115) }
```

Background

The CSS property to change the background color of an element to RGB 240, 228, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 228, 115) }
```

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

```
.background{ background-color: rgb(240,  
228, 115) }
```

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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