

Converting Colors

RGB(240, 240, 213)

Have a look what the booklet for
RGB(240, 240, 213) contains.

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Color

RGB(240, 240, 213)

Conversions

Conversions Part 1

Format	Color
Hex	F0F0D5
RGB	240, 240, 213
RGB Percent	94%, 94%, 84%
CMY	0.0588, 0.0588, 0.1647
CMYK	0.00, 0.00, 0.11, 0.06
HSL	60°, 47%, 89%
HSV	60°, 11%, 94%
XYZ	79.1055, 85.6495, 75.3135
YIQ	236.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

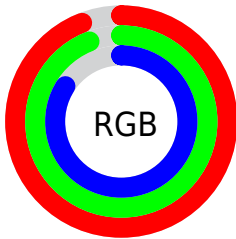
Format	Color
R_{YB}	213, 240, 213
Decimal	15790293
CIE Lab	94.16, -4.52, 13.06
CIE LCh	94, 13.819, 109.084
Yxy	85.6495, 0.3295, 0.3568
Android (android.graphics.Color)	4293980373 (0xFFFF0F0D5)
YUV	236.9220, -11.7935, 2.6994
Hunter-Lab	92.5470, -9.3826, 16.5335

Details

The RGB color **240, 240, 213** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **213, 213, 240**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 184, 158** is the 20% darker color. If you saturate the color by 10%, you get **240, 240, 189**, and if you desaturate by 10%, it is **240, 240, 237**.

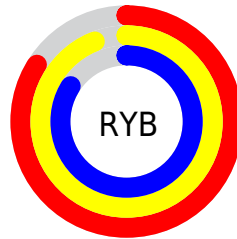
Distribution



Red (94%)

Green (94%)

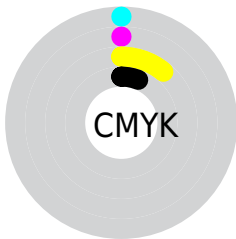
Blue (84%)



Red (84%)

Yellow (94%)

Blue (84%)

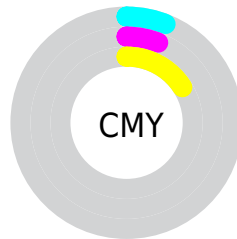


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 240, 213 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, 240, 213 by changing the saturation by 10% instead.

 240, 240, 213

255, 255, 255


 240, 240, 213


 212, 212, 185

 184, 184, 158

 157, 157, 132

 131, 131, 107

 105, 106, 83

 81, 82, 60

 58, 59, 38

 36, 37, 17

 12, 17, 0

 240, 240, 213

 240, 240, 213

 240, 240, 189


 240, 240, 237


 240, 240, 165


 240, 240, 255


 240, 240, 141

 240, 240, 117

 240, 240, 93

 240, 240, 69

 240, 240, 45

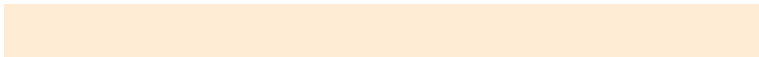
 240, 240, 21

 240, 240, 0

Harmonies

Analogous

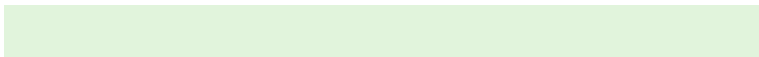
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



254, 236, 212



240, 240, 213



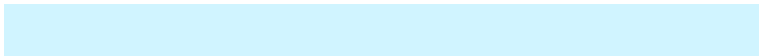
225, 244, 220

Triad

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



240, 240, 213



208, 244, 255



255, 230, 244

Complementary

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



240, 240, 213



213, 213, 240

Split Complementary

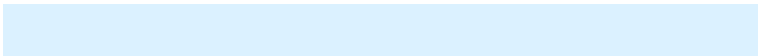
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 232, 255



240, 240, 213



219, 241, 255

Square

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



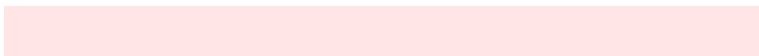
240, 240, 213



205, 246, 246



235, 236, 255



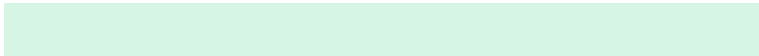
255, 229, 230

Rectangle

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



240, 240, 213



215, 245, 228



235, 236, 255



255, 230, 248

Sweetspot

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



240, 240, 213



255, 255, 247



240, 213, 213



128, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



240, 240, 213



255, 255, 219



226, 240, 213



120, 120, 108



184, 184, 0



56, 56, 0

Inverse Universe

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



213, 213, 240



219, 219, 255



226, 213, 240



108, 108, 120



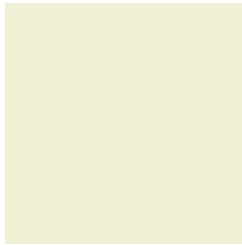
0, 0, 184



0, 0, 56

Previews

White Background



This preview shows how the RGB color 240, 240, 213 looks on a white background.

Color Contrast Check

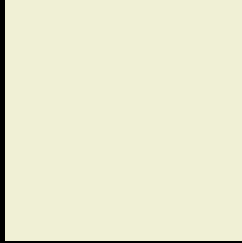
Large Text (above 18pt) WCAG AA × Fail

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, 240, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

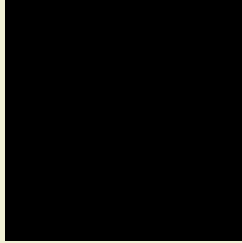
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

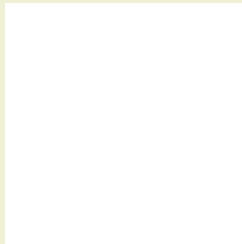
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 240, 240, 213 Background



This preview shows how black text looks on a background with the RGB color 240, 240, 213.



This preview shows how white text looks on a background with the RGB color 240, 240, 213.

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

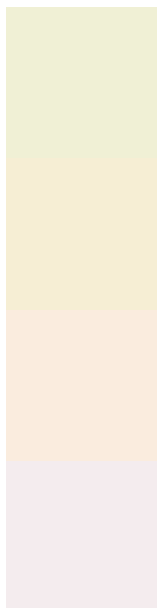
	Original Color 240, 240, 213
	Protanopia 249, 237, 212
	Deuteranopia 255, 234, 227



Tritanopia

246, 234, 253

Trichromacy



Original Color

240, 240, 213

Protanomaly

246, 238, 212

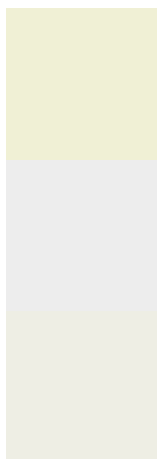
Deuteranomaly

250, 236, 222

Tritanomaly

244, 236, 238

Monochromacy



Original Color

240, 240, 213

Achromatopsia

237, 237, 237

Achromatomaly

238, 238, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 240, 213 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, 240, 213)` looks like.

```
.text, #text, p{  
    color:rgb(240, 240, 213)  
}
```

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, 240, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 240, 213) }
```

Border

The CSS property to change the border of an element to RGB 240, 240, 213 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, 240, 213) }
```

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

```
.border{ border-color:rgb(240, 240, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 240, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 240, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 240, 213);  
box-shadow:4px 4px 4px 4px rgb(240, 240,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 240, 240, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 240, 213) }
```

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

```
.background{ background-color: rgb(240,  
240, 213) }
```

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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