

Converting Colors

RGB(240, 238, 222)

Have a look what the booklet for
RGB(240, 238, 222) contains.

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Color

RGB(240, 238, 222)

Conversions

Conversions Part 1

Format	Color
Hex	F0EEDE
RGB	240, 238, 222
RGB Percent	94%, 93%, 87%
CMY	0.0588, 0.0667, 0.1294
CMYK	0.00, 0.01, 0.07, 0.06
HSL	53°, 37%, 91%
HSV	53°, 7%, 94%
XYZ	79.6945, 84.9483, 81.3035
YIQ	236.7740, 6.3280, -4.5520

Conversions

Conversions Part 2

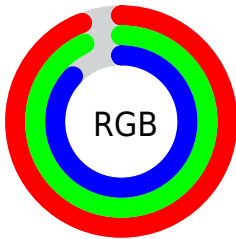
Format	Color
RYB	224, 240, 222
Decimal	15789790
CIELab	93.86, -2.05, 7.97
CIELCh	94, 8.230, 104.454
Yxy	84.9483, 0.3240, 0.3454
Android (android.graphics.Color)	4293979870 (0xFFFF0EEDE)
YUV	236.7740, -7.2836, 2.8292
Hunter-Lab	92.1674, -6.9490, 12.2157

Details

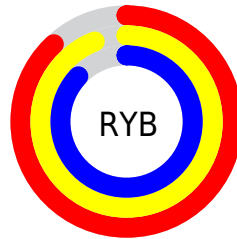
The RGB color **240, 238, 222** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **222, 224, 240**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 182, 167** is the 20% darker color. If you saturate the color by 10%, you get **240, 235, 198**, and if you desaturate by 10%, it is **240, 241, 246**.

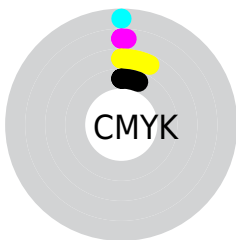
Distribution



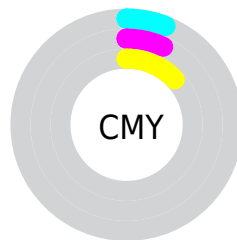
- Red (94%)
- Green (93%)
- Blue (87%)



- Red (88%)
- Yellow (94%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 238, 222 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, 238, 222 by changing the saturation by 10% instead.

■ 240, 238, 222

255, 255, 255

■ 240, 238, 222

■ 212, 210, 194

■ 184, 182, 167

■ 157, 155, 141

■ 131, 129, 115

■ 106, 104, 90

■ 82, 80, 67

■ 58, 57, 45

■ 37, 36, 24

■ 15, 14, 0

 240, 238, 222

 240, 238, 222

 240, 235, 198

 240, 241, 246

 240, 233, 174

 240, 243, 255

 240, 230, 150


 240, 246, 255

 240, 227, 126


 240, 249, 255

 240, 225, 102


 240, 251, 255

 240, 222, 78

 240, 254, 255

 240, 219, 54

 240, 255, 255

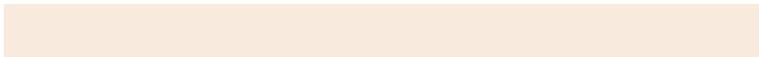
 240, 217, 30

 240, 214, 6

Harmonies

Analogous

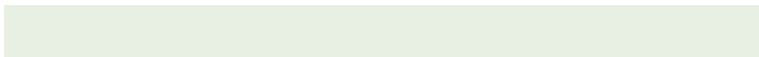
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 235, 222



240, 238, 222



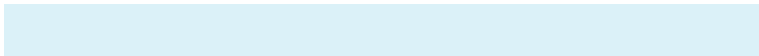
231, 240, 226

Triad

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



240, 238, 222



219, 241, 248



251, 233, 242

Complementary

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



240, 238, 222



222, 224, 240

Split Complementary

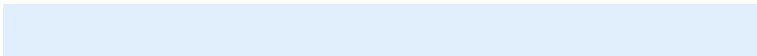
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244, 234, 249



240, 238, 222



225, 239, 252

Square

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



240, 238, 222



218, 242, 241



234, 237, 253



255, 232, 234

Rectangle

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



240, 238, 222



225, 241, 230



234, 237, 253



249, 233, 244

Sweetspot

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



240, 238, 222



255, 254, 250



240, 222, 224



128, 127, 125



0, 0, 0



128, 128, 128

Same Dimension

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



240, 238, 222



255, 252, 232



233, 240, 222



120, 119, 108



184, 163, 0



56, 50, 0

Inverse Universe

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



222, 224, 240



232, 235, 255



229, 222, 240



108, 109, 120



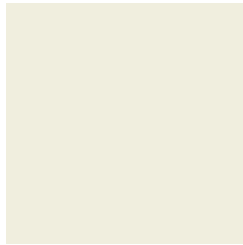
0, 20, 184



0, 6, 56

Previews

White Background



This preview shows how the RGB color 240, 238, 222 looks on a white background.

Color Contrast Check

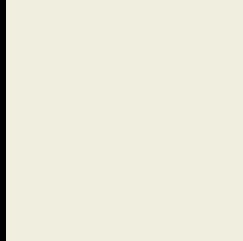
Large Text (above 18pt) WCAG AA × Fail

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, 238, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

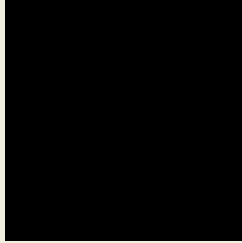
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

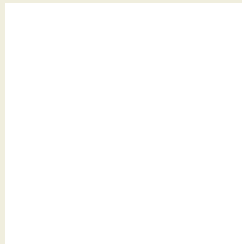
Any Text WCAG AAA ✓ Pass

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

RGB 240, 238, 222 Background



This preview shows how black text looks on a background with the RGB color 240, 238, 222.

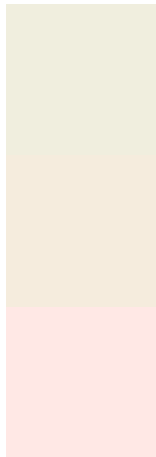


This preview shows how white text looks on a background with the RGB color 240, 238, 222.

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, 238, 222

Protanopia

245, 236, 221

Deuteranopia

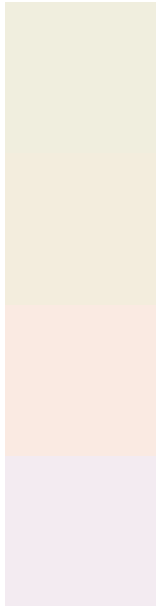
255, 232, 229



Tritanopia

244, 234, 252

Trichromacy



Original Color

240, 238, 222

Protanomaly

243, 237, 221

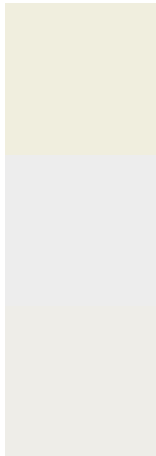
Deuteranomaly

250, 234, 226

Tritanomaly

243, 235, 241

Monochromacy



Original Color

240, 238, 222

Achromatopsia

237, 237, 237

Achromatomaly

238, 237, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 238, 222 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, 238, 222)` looks like.

```
.text, #text, p{  
    color:rgb(240, 238, 222)  
}
```

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, 238, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 238, 222) }
```

Border

The CSS property to change the border of an element to RGB 240, 238, 222 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, 238, 222) }
```

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

```
.border{ border-color:rgb(240, 238, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 238, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 238, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 238, 222);  
box-shadow:4px 4px 4px 4px rgb(240, 238,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 240, 238, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 238, 222) }
```

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

```
.background{ background-color: rgb(240,  
238, 222) }
```

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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