

Converting Colors

RGB(242, 240, 209)

Have a look what the booklet for
RGB(242, 240, 209) contains.

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Color

RGB(242, 240, 209)

Conversions

Conversions Part 1

Format	Color
Hex	F2F0D1
RGB	242, 240, 209
RGB Percent	95%, 94%, 82%
CMY	0.0510, 0.0588, 0.1804
CMYK	0.00, 0.01, 0.14, 0.05
HSL	56°, 56%, 88%
HSV	56°, 14%, 95%
XYZ	79.2867, 85.8009, 72.7040
YIQ	237.0640, 11.1430, -9.2170

Conversions

Conversions Part 2

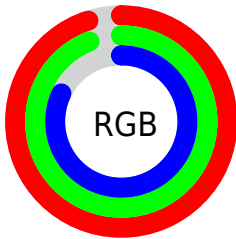
Format	Color
R_{YB}	211, 242, 209
Decimal	15921361
CIE _{Lab}	94.23, -4.44, 15.24
CIE _{LCh}	94, 15.872, 106.241
Yxy	85.8009, 0.3334, 0.3608
Android (android.graphics.Color)	4294111441 (0xFFFF2F0D1)
YUV	237.0640, -13.8356, 4.3289
Hunter-Lab	92.6288, -9.3112, 18.3036

Details

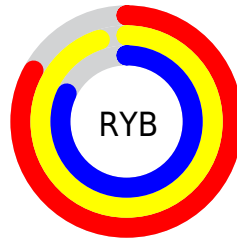
The RGB color **242, 240, 209** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **209, 211, 242**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 184, 155** is the 20% darker color. If you saturate the color by 10%, you get **242, 239, 185**, and if you desaturate by 10%, it is **242, 241, 233**.

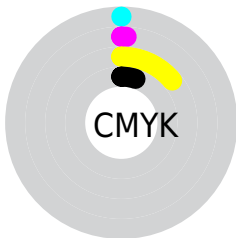
Distribution



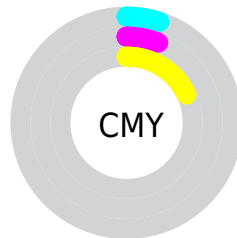
- Red (95%)
- Green (94%)
- Blue (82%)



- Red (83%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 240, 209 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 242, 240, 209 by changing the saturation by 10% instead.

■ 242, 240, 209

255, 255, 255

■ 242, 240, 209

■ 214, 212, 181

■ 186, 184, 155

■ 159, 157, 128

■ 132, 131, 103

■ 107, 106, 79

■ 83, 82, 56

■ 59, 59, 34

■ 37, 37, 13

■ 12, 17, 0

 242, 240, 209

 242, 240, 209

 242, 239, 185

 242, 241, 233

 242, 237, 161

 242, 243, 255

 242, 236, 136

 242, 244, 255

 242, 234, 112

 242, 246, 255

 242, 233, 88

 242, 247, 255

 242, 231, 64

 242, 249, 255

 242, 230, 40

 242, 250, 255

 242, 228, 15

 242, 252, 255

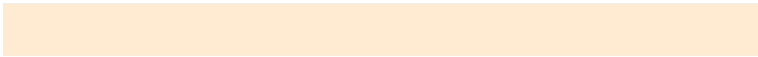
 242, 227, 0

 242, 253, 255

Harmonies

Analogous

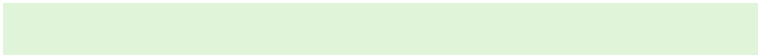
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 235, 209



242, 240, 209



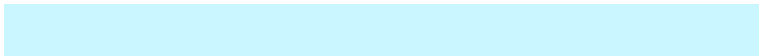
224, 244, 217

Triad

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



242, 240, 209



202, 246, 255



255, 229, 246

Complementary

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



242, 240, 209



209, 211, 242

Split Complementary

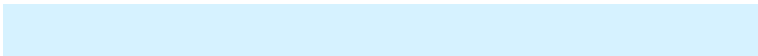
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 232, 255



242, 240, 209



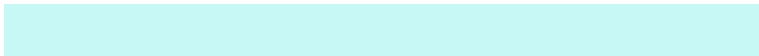
214, 242, 255

Square

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



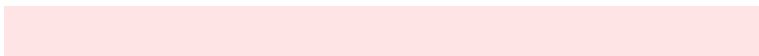
242, 240, 209



200, 248, 246



233, 237, 255



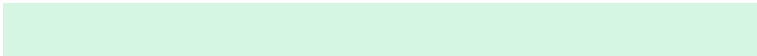
255, 228, 230

Rectangle

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



242, 240, 209



213, 246, 226



233, 237, 255



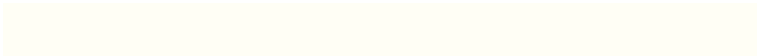
255, 229, 251

Sweetspot

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



242, 240, 209



255, 254, 245



242, 209, 211



128, 127, 121



0, 0, 0



128, 128, 128

Same Dimension

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



242, 240, 209



255, 253, 214



228, 242, 209



120, 119, 108



184, 172, 0



56, 53, 0

Inverse Universe

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



209, 211, 242



214, 217, 255



223, 209, 242



108, 109, 120



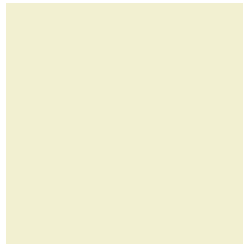
0, 11, 184



0, 3, 56

Previews

White Background



This preview shows how the RGB color 242, 240, 209 looks on a white background.

Color Contrast Check

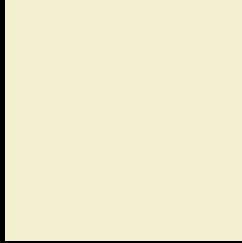
Large Text (above 18pt) WCAG AA × Fail

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 242, 240, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

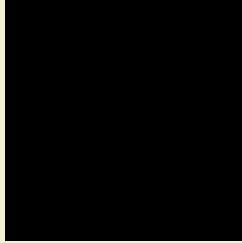
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

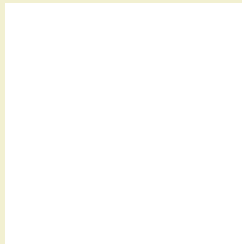
Any Text WCAG AAA ✓ Pass

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

RGB 242, 240, 209 Background



This preview shows how black text looks on a background with the RGB color 242, 240, 209.

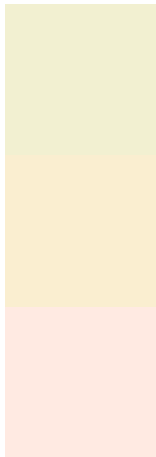


This preview shows how white text looks on a background with the RGB color 242, 240, 209.

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
242, 240, 209

Protanopia
250, 238, 208

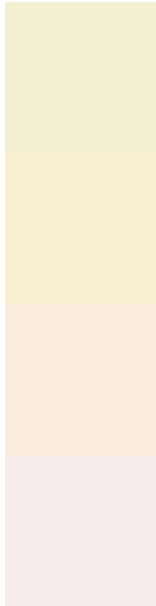
Deuteranopia
255, 234, 226



Tritanopia

248, 234, 252

Trichromacy



Original Color

242, 240, 209

Protanomaly

247, 239, 208

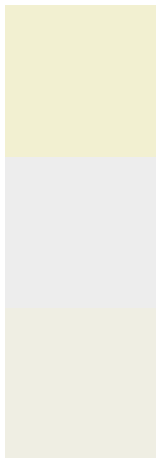
Deuteranomaly

250, 236, 220

Tritanomaly

246, 236, 236

Monochromacy



Original Color

242, 240, 209

Achromatopsia

237, 237, 237

Achromatomaly

239, 238, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 240, 209 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(242, 240, 209)` looks like.

```
.text, #text, p{  
    color:rgb(242, 240, 209)  
}
```

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(242, 240, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 240, 209) }
```

Border

The CSS property to change the border of an element to RGB 242, 240, 209 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(242, 240, 209) }
```

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

```
.border{ border-color:rgb(242, 240, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 240, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 240, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 240, 209);  
box-shadow:4px 4px 4px 4px rgb(242, 240,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 242, 240, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 240, 209) }
```

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

```
.background{ background-color: rgb(242,  
240, 209) }
```

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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