

Converting Colors

RGB(240, 255, 221)

Have a look what the booklet for
RGB(240, 255, 221) contains.

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Color

RGB(240, 255, 221)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFDD
RGB	240, 255, 221
RGB Percent	94%, 100%, 87%
CMY	0.0588, 0.0000, 0.1333
CMYK	0.06, 0.00, 0.13, 0.00
HSL	86°, 100%, 93%
HSV	86°, 13%, 100%
XYZ	84.7463, 95.2657, 82.3281
YIQ	246.6390, 1.9740, -13.7540

Conversions

Conversions Part 2

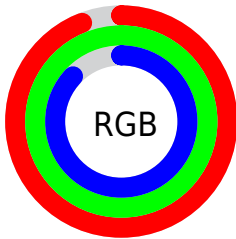
Format	Color
R _Y B	221, 255, 236
Decimal	15794141
CIE Lab	98.14, -10.74, 14.59
CIE LCh	98, 18.115, 126.359
Yxy	95.2657, 0.3230, 0.3631
Android (android.graphics.Color)	4293984221 (0xFFFF0FFDD)
YUV	246.6390, -12.6400, -5.8224
Hunter-Lab	97.6042, -15.8219, 18.3124

Details

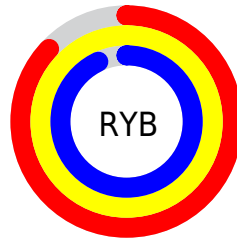
The RGB color **240, 255, 221** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **236, 221, 255**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 198, 166** is the 20% darker color. If you saturate the color by 10%, you get **229, 255, 196**, and if you desaturate by 10%, it is **251, 255, 247**.

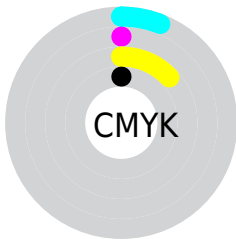
Distribution



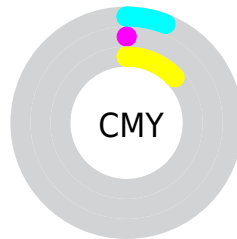
- Red (94%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 255, 221 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, 255, 221 by changing the saturation by 10% instead.

 240, 255, 221


255, 255, 255

 240, 255, 221


 212, 226, 193


 184, 198, 166

 157, 171, 139

 131, 144, 114

 105, 119, 89

 81, 94, 66

 58, 70, 44

 36, 48, 23

 17, 27, 0

240, 255, 221

240, 255, 221

229, 255, 196

251, 255, 247

218, 255, 170

255, 255, 255

206, 255, 145

195, 255, 119

184, 255, 94

172, 255, 68

161, 255, 43

150, 255, 17

142, 255, 0

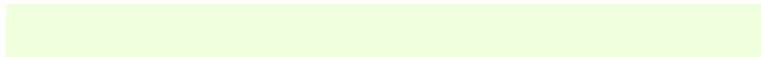
Harmonies

Analogous

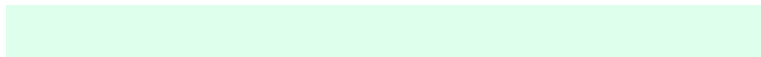
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 250, 215



240, 255, 221



221, 255, 235

Triad

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



240, 255, 221



215, 255, 255



255, 238, 246

Complementary

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



240, 255, 221



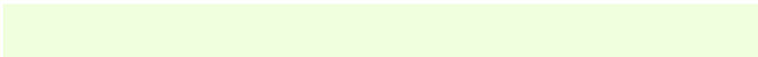
236, 221, 255

Split Complementary

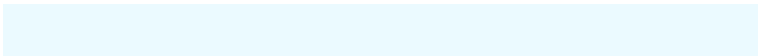
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 239, 255



240, 255, 221



235, 250, 255

Square

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



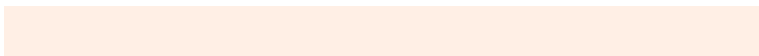
240, 255, 221



205, 255, 255



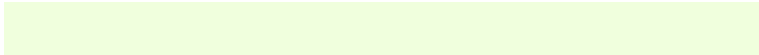
255, 244, 255



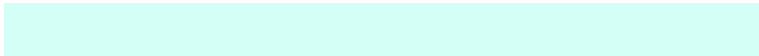
255, 239, 229

Rectangle

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



240, 255, 221



211, 255, 247



255, 244, 255



255, 238, 252

Sweetspot

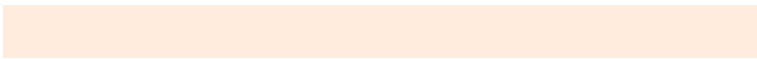
The Sweet Spot groups the original color and five complimentary colors.



240, 255, 221



251, 255, 245



255, 236, 221



125, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

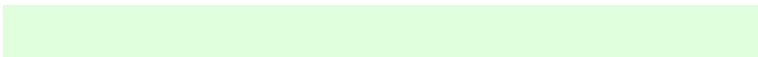
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240, 255, 221



237, 255, 214



223, 255, 221



122, 128, 115



107, 191, 0



36, 64, 0

Inverse Universe

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



236, 221, 255



232, 214, 255



253, 221, 255



120, 115, 128



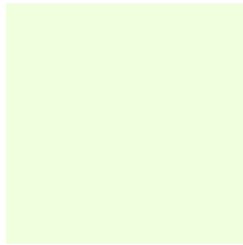
84, 0, 191



28, 0, 64

Previews

White Background



This preview shows how the RGB color 240, 255, 221 looks on a white background.

Color Contrast Check

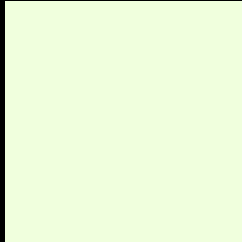
Large Text (above 18pt) WCAG AA × Fail

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, 255, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

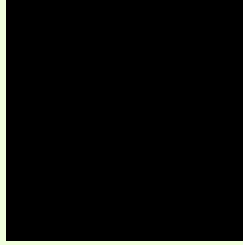
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

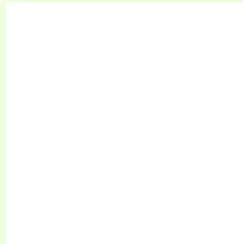
Any Text WCAG AAA ✓ Pass

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

RGB 240, 255, 221 Background



This preview shows how black text looks on a background with the RGB color 240, 255, 221.

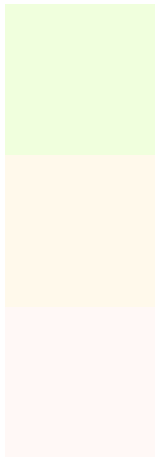


This preview shows how white text looks on a background with the RGB color 240, 255, 221.

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, 255, 221

Protanopia
255, 249, 235

Deuteranopia
255, 248, 246



Tritanopia

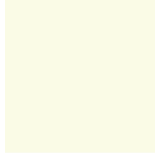
249, 249, 255

Trichromacy



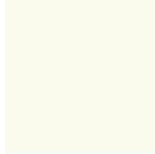
Original Color

240, 255, 221



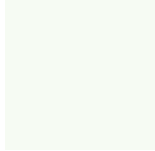
Protanomaly

250, 251, 230



Deuteranomaly

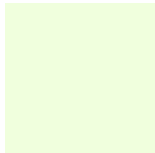
250, 251, 237



Tritanomaly

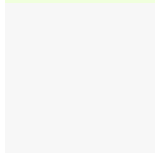
246, 251, 243

Monochromacy



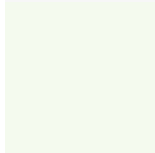
Original Color

240, 255, 221



Achromatopsia

247, 247, 247



Achromatomaly

244, 250, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 255, 221 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, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 221)  
}
```

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, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 221) }
```

Border

The CSS property to change the border of an element to RGB 240, 255, 221 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, 255, 221) }
```

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

```
.border{ border-color:rgb(240, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 240, 255, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 221) }
```

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

```
.background{ background-color: rgb(240,  
255, 221) }
```

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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