

Converting Colors

RGB(242, 255, 223)

Have a look what the booklet for
RGB(242, 255, 223) contains.

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Color

RGB(242, 255, 223)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFDF
RGB	242, 255, 223
RGB Percent	95%, 100%, 87%
CMY	0.0510, 0.0000, 0.1255
CMYK	0.05, 0.00, 0.13, 0.00
HSL	84°, 100%, 94%
HSV	84°, 13%, 100%
XYZ	85.6972, 95.7250, 83.7721
YIQ	247.4650, 2.5240, -12.7080

Conversions

Conversions Part 2

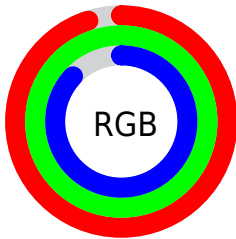
Format	Color
R_{YB}	223, 255, 236
Decimal	15925215
CIE _{Lab}	98.32, -9.73, 13.84
CIE _{LCh}	98, 16.925, 125.113
Yxy	95.7250, 0.3231, 0.3610
Android (android.graphics.Color)	4294115295 (0xFFFF2FFDF)
YUV	247.4650, -12.0612, -4.7928
Hunter-Lab	97.8391, -14.8704, 17.7220

Details

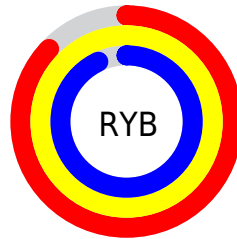
The RGB color **242, 255, 223** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **236, 223, 255**, and the grayscale version is **248, 248, 248**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 198, 168** is the 20% darker color. If you saturate the color by 10%, you get **232, 255, 198**, and if you desaturate by 10%, it is **252, 255, 249**.

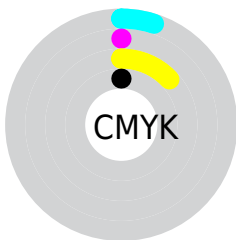
Distribution



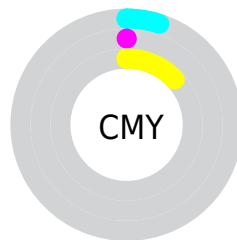
- Red (95%)
- Green (100%)
- Blue (87%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 255, 223 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, 255, 223 by changing the saturation by 10% instead.

242, 255, 223

255, 255, 255

242, 255, 223

214, 226, 195

186, 198, 168

159, 171, 141

133, 144, 116

107, 119, 91

83, 94, 68

60, 70, 45

37, 48, 24

19, 27, 0

242, 255, 223

242, 255, 223

232, 255, 198

252, 255, 249

221, 255, 172

255, 255, 255

211, 255, 147

201, 255, 121

190, 255, 96

180, 255, 70

169, 255, 45

159, 255, 19

151, 255, 0

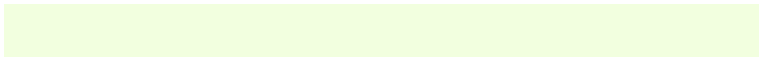
Harmonies

Analogous

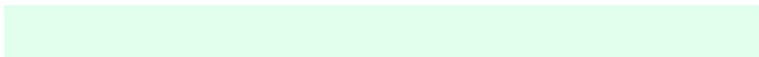
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 250, 217



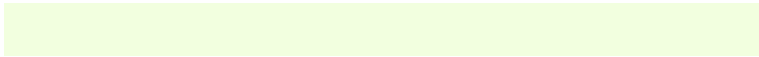
242, 255, 223



224, 255, 236

Triad

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



242, 255, 223



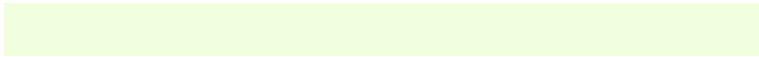
218, 255, 255



255, 239, 248

Complementary

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



242, 255, 223



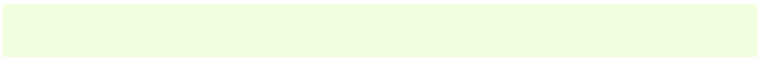
236, 223, 255

Split Complementary

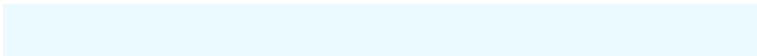
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 241, 255



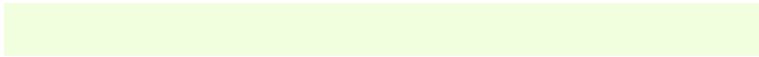
242, 255, 223



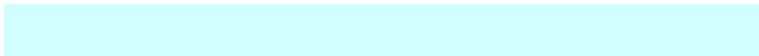
236, 251, 255

Square

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



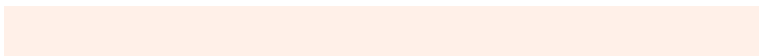
242, 255, 223



209, 255, 255



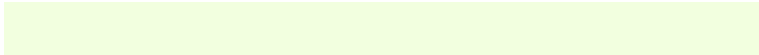
255, 245, 255



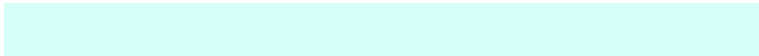
255, 240, 232

Rectangle

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



242, 255, 223



215, 255, 247



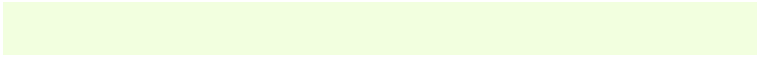
255, 245, 255



255, 239, 254

Sweetspot

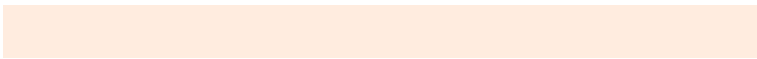
The Sweet Spot groups the original color and five complimentary colors.



242, 255, 223



251, 255, 245



255, 236, 223



125, 128, 121



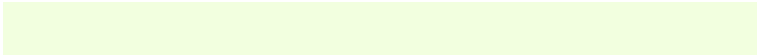
0, 0, 0



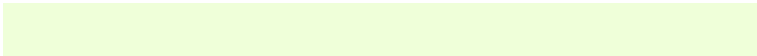
128, 128, 128

Same Dimension

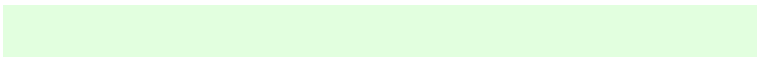
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 255, 223



239, 255, 217



226, 255, 223



122, 128, 115



114, 191, 0



38, 64, 0

Inverse Universe

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



236, 223, 255



232, 217, 255



252, 223, 255



120, 115, 128



78, 0, 191



26, 0, 64

Previews

White Background



This preview shows how the RGB color 242, 255, 223 looks on a white background.

Color Contrast Check

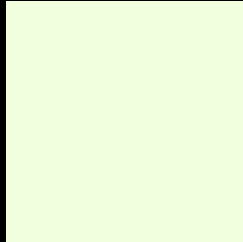
Large Text (above 18pt) WCAG AA × Fail

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, 255, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

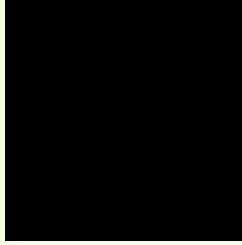
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

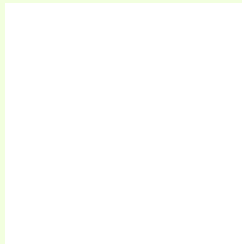
Any Text WCAG AAA ✓ Pass

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

RGB 242, 255, 223 Background



This preview shows how black text looks on a background with the RGB color 242, 255, 223.

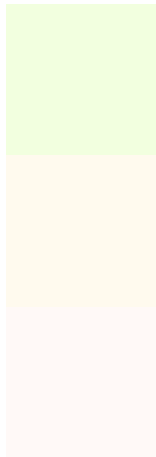


This preview shows how white text looks on a background with the RGB color 242, 255, 223.

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, 255, 223

Protanopia
255, 250, 238

Deuteranopia
255, 249, 247



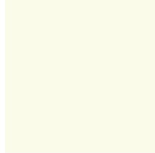
Tritanopia
250, 250, 255

Trichromacy



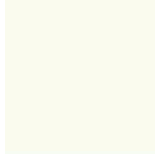
Original Color

242, 255, 223



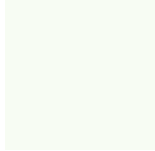
Protanomaly

250, 252, 233



Deuteranomaly

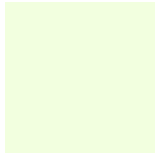
250, 251, 238



Tritanomaly

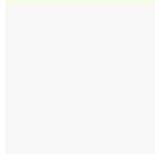
247, 252, 243

Monochromacy



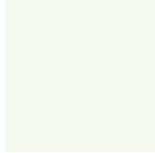
Original Color

242, 255, 223



Achromatopsia

247, 247, 247



Achromatomaly

245, 250, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 255, 223 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, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 223)  
}
```

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, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 223) }
```

Border

The CSS property to change the border of an element to RGB 242, 255, 223 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, 255, 223) }
```

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

```
.border{ border-color:rgb(242, 255, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 242, 255, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 223) }
```

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

```
.background{ background-color: rgb(242,  
255, 223) }
```

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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