

Converting Colors

RGB(246, 255, 217)

Have a look what the booklet for
RGB(246, 255, 217) contains.

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Color

RGB(246, 255, 217)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFD9
RGB	246, 255, 217
RGB Percent	96%, 100%, 85%
CMY	0.0353, 0.0000, 0.1490
CMYK	0.04, 0.00, 0.15, 0.00
HSL	74°, 100%, 93%
HSV	74°, 15%, 100%
XYZ	86.2904, 96.1226, 79.6512
YIQ	247.9770, 6.8340, -13.7260

Conversions

Conversions Part 2

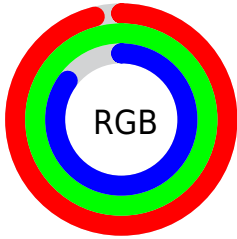
Format	Color
R_{YB}	217, 255, 226
Decimal	16187353
CIE _{Lab}	98.48, -9.30, 17.17
CIE _{LCh}	98, 19.532, 118.449
Yxy	96.1226, 0.3293, 0.3668
Android (android.graphics.Color)	4294377433 (0xFFFF6FFD9)
YUV	247.9770, -15.2717, -1.7338
Hunter-Lab	98.0421, -14.4694, 20.4612

Details

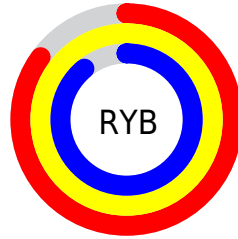
The RGB color **246, 255, 217** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **226, 217, 255**, and the grayscale version is **248, 248, 248**.

A 20% lighter version of the original color is **255, 255, 255**, and **190, 198, 162** is the 20% darker color. If you saturate the color by 10%, you get **240, 255, 192**, and if you desaturate by 10%, it is **252, 255, 243**.

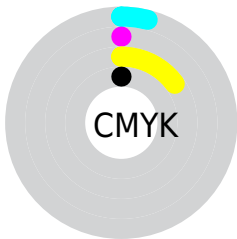
Distribution



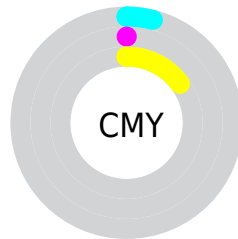
- Red (96%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 246, 255, 217 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 246, 255, 217 by changing the saturation by 10% instead.


 246, 255, 217

255, 255, 255

 246, 255, 217

 217, 226, 189

 190, 198, 162

 162, 171, 136

 136, 145, 110

 110, 119, 86

 86, 94, 62

 62, 71, 40

 40, 48, 19

 20, 27, 0

■ 246, 255, 217

■ 246, 255, 217

■ 240, 255, 192

■ 252, 255, 243

■ 234, 255, 166

255, 255, 255

■ 228, 255, 141

■ 222, 255, 115

■ 216, 255, 90

■ 210, 255, 64

■ 204, 255, 38

■ 198, 255, 13

■ 195, 255, 0

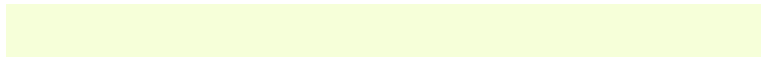
Harmonies

Analogous

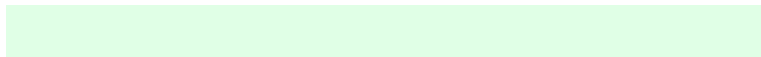
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 249, 213



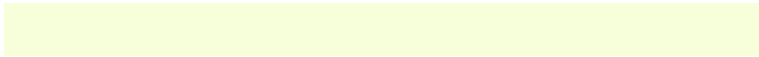
246, 255, 217



224, 255, 230

Triad

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



246, 255, 217



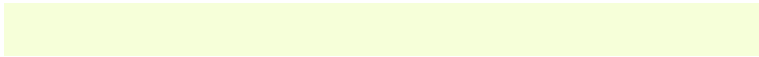
209, 255, 255



255, 238, 252

Complementary

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



246, 255, 217



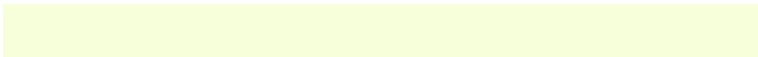
226, 217, 255

Split Complementary

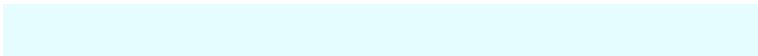
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 241, 255



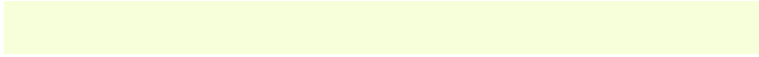
246, 255, 217



229, 253, 255

Square

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



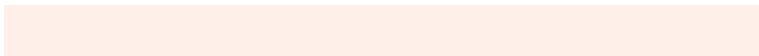
246, 255, 217



201, 255, 255



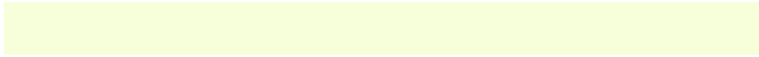
253, 246, 255



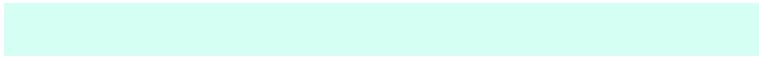
255, 239, 233

Rectangle

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



246, 255, 217



212, 255, 242



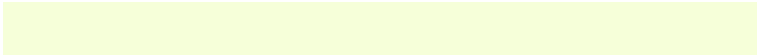
253, 246, 255



255, 238, 255

Sweetspot

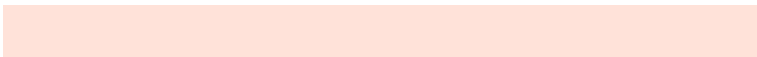
The Sweet Spot groups the original color and five complimentary colors.



246, 255, 217



253, 255, 245



255, 226, 217



126, 128, 121



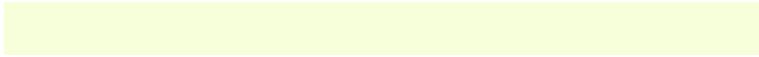
0, 0, 0



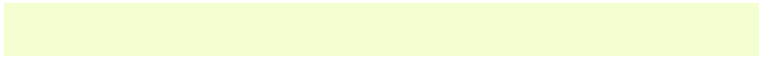
128, 128, 128

Same Dimension

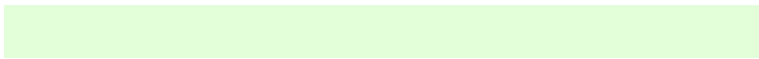
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246, 255, 217



244, 255, 209



227, 255, 217



124, 128, 115



146, 191, 0



49, 64, 0

Inverse Universe

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



226, 217, 255



220, 209, 255



245, 217, 255



118, 115, 128



45, 0, 191



15, 0, 64

Previews

White Background



This preview shows how the RGB color 246, 255, 217 looks on a white background.

Color Contrast Check

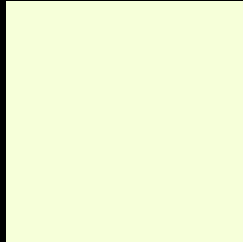
Large Text (above 18pt) WCAG AA × Fail

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 246, 255, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

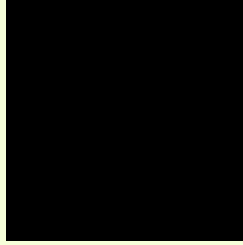
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

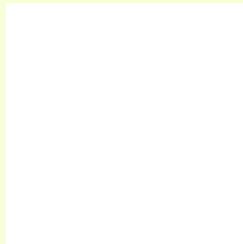
Any Text WCAG AAA ✓ Pass

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

RGB 246, 255, 217 Background



This preview shows how black text looks on a background with the RGB color 246, 255, 217.



This preview shows how white text looks on a background with the RGB color 246, 255, 217.

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
[246](#), [255](#), [217](#)

Protanopia
[255](#), [250](#), [239](#)

Deuteranopia
[255](#), [249](#), [247](#)

Tritanopia

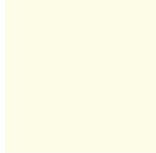
251, 250, 255

Trichromacy



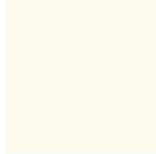
Original Color

246, 255, 217



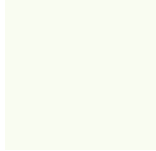
Protanomaly

252, 252, 231



Deuteranomaly

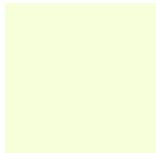
252, 251, 236



Tritanomaly

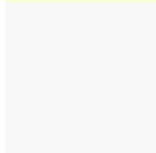
249, 252, 241

Monochromacy



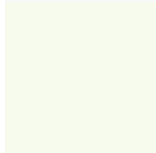
Original Color

246, 255, 217



Achromatopsia

248, 248, 248



Achromatomaly

247, 251, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 255, 217 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(246, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 217)  
}
```

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(246, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 217) }
```

Border

The CSS property to change the border of an element to RGB 246, 255, 217 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(246, 255, 217) }
```

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

```
.border{ border-color:rgb(246, 255, 217) }
```

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

Here you see how a box with a 4 pixel rgb(246, 255, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 246, 255, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 217) }
```

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

```
.background{ background-color: rgb(246,  
255, 217) }
```

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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