

Converting Colors

`RYB(234, 255, 211)`

Have a look what the booklet for
RYB(234, 255, 211) contains.

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Color

R_YB(234, 255, 211)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0D3
RGB	255, 240, 211
RGB Percent	100%, 94%, 83%
CMY	0.0000, 0.0592, 0.1725
CMYK	0.00, 0.06, 0.17, 0.00
HSL	39°, 100%, 91%
HSV	39°, 17%, 100%
XYZ	84.1272, 88.2218, 74.2226
YIQ	241.1790, 18.2490, -5.8390

Conversions

Conversions Part 2

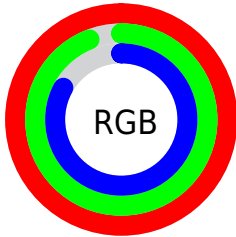
Format	Color
RYB	234, 255, 211
Decimal	16773331
CIELab	95.25, 0.52, 15.80
CIELCh	95, 15.809, 88.102
Yxy	88.2218, 0.3412, 0.3578
Android (android.graphics.Color)	4294963411 (0xFFFFF0D3)
YUV	241.1790, -14.8782, 12.1210
Hunter-Lab	93.9265, -4.4941, 18.8964

Details

The RYB color **234, 255, 211** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **211, 222, 255**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **177, 198, 156** is the 20% darker color. If you saturate the color by 10%, you get **222, 255, 185**, and if you desaturate by 10%, it is **245, 255, 236**.

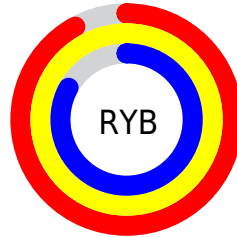
Distribution



Red (100%)

Green (94%)

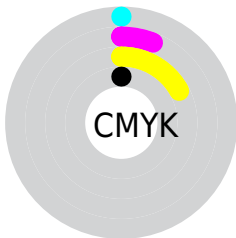
Blue (83%)



Red (92%)

Yellow (100%)

Blue (83%)

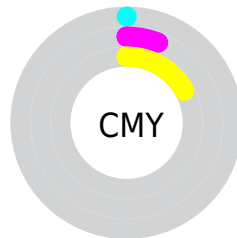


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 255, 211 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 RYB color 234, 255, 211 by changing the saturation by 10% instead.

234, 255, 211

255, 255, 255

234, 255, 211

204, 226, 183

177, 198, 156

151, 171, 130

125, 144, 105

99, 118, 81

74, 93, 58

50, 69, 36

28, 46, 15

10, 24, 0

234, 255, 211

234, 255, 211

222, 255, 185

245, 255, 236

211, 255, 160

255, 255, 255

196, 255, 134

185, 255, 109

173, 255, 83

162, 255, 58

147, 255, 32

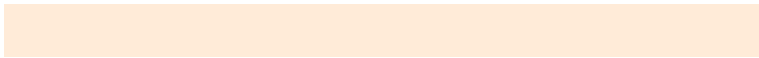
136, 255, 7

134, 255, 0

Harmonies

Analogous

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



255, 253, 216



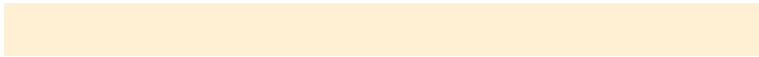
234, 255, 211



214, 245, 221

Triad

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



234, 255, 211



203, 228, 255



255, 233, 255

Complementary

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



234, 255, 211



211, 222, 255

Split Complementary

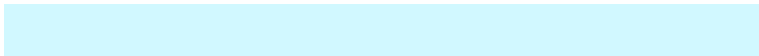
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 238, 255



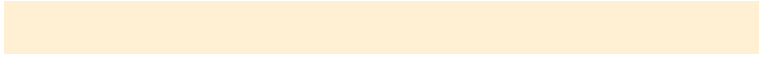
234, 255, 211



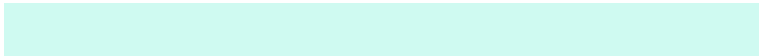
209, 230, 255

Square

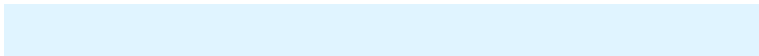
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234, 255, 211



207, 231, 250



224, 236, 255



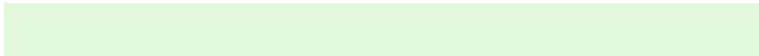
255, 231, 243

Rectangle

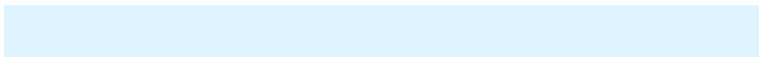
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234, 255, 211



221, 248, 243



224, 236, 255



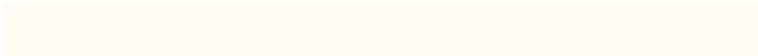
255, 235, 255

Sweetspot

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



234, 255, 211



248, 255, 242



255, 211, 226



125, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

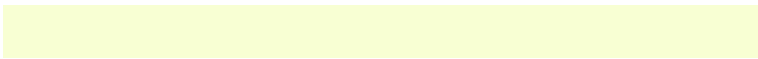
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234, 255, 211



228, 255, 201



211, 255, 218



123, 128, 115



99, 191, 0



34, 64, 0

Inverse Universe

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



211, 222, 255



201, 215, 255



218, 211, 255



115, 118, 128



0, 49, 191



0, 16, 64

Previews

White Background



This preview shows how the RYB color 234, 255, 211 looks on a white background.

Color Contrast Check

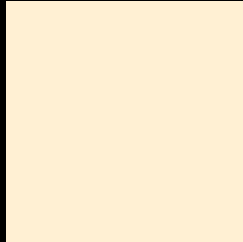
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 234, 255, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

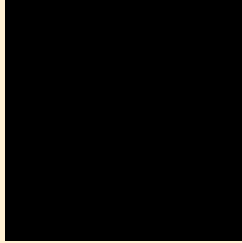
Any Text WCAG AA ✓ Pass

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](#).

RYB 234, 255, 211 Background



This preview shows how black text looks on a background with the RYB color 234, 255, 211.



This preview shows how white text looks on a background with the RYB color 234, 255, 211.

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
234, 255, 211

Protanopia
228, 253, 211

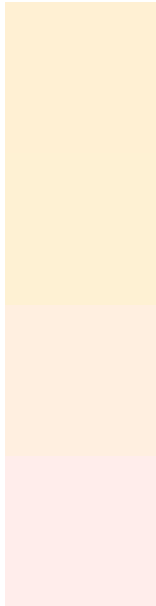
Deuteranopia
255, 241, 231



Tritanopia

255, 236, 249

Trichromacy



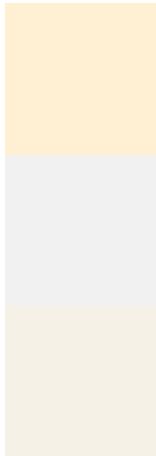
Original Color
234, 255, 211

Protanomaly
230, 254, 211

Deuteranomaly
255, 253, 224

Tritanomaly
255, 237, 235

Monochromacy



Original Color
234, 255, 211

Achromatopsia
241, 241, 241

Achromatomaly
237, 246, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 255, 211 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(255, 240, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 211)  
}
```

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(255, 240, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 211) }
```

Border

The CSS property to change the border of an element to RYB 234, 255, 211 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(255, 240, 211) }
```

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

```
.border{ border-color:rgb(255, 240, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 255, 240, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 211) }
```

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

```
.background{ background-color: rgb(255,  
240, 211) }
```

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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