

Converting Colors

`RYB(235, 252, 211)`

Have a look what the booklet for
RYB(235, 252, 211) contains.

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Color

`RYB(235, 252, 211)`

Conversions

Conversions Part 1

Format	Color
Hex	FCEDD3
RGB	252, 237, 211
RGB Percent	99%, 93%, 83%
CMY	0.0118, 0.0711, 0.1725
CMYK	0.00, 0.06, 0.16, 0.01
HSL	38°, 87%, 91%
HSV	38°, 16%, 99%
XYZ	82.1469, 85.8868, 73.8762
YIQ	238.5210, 17.2860, -4.9060

Conversions

Conversions Part 2

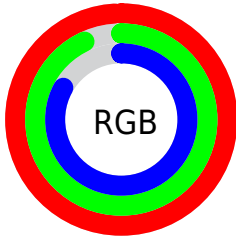
Format	Color
R _Y B	235, 252, 211
Decimal	16575955
CIE Lab	94.26, 1.00, 14.37
CIE LCh	94, 14.402, 86.036
Yxy	85.8868, 0.3396, 0.3550
Android (android.graphics.Color)	4294766035 (0xFFFCEDD3)
YUV	238.5210, -13.5679, 11.8211
Hunter-Lab	92.6751, -3.9598, 17.6094

Details

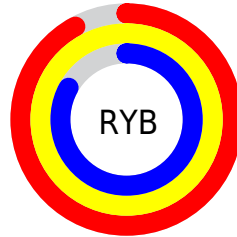
The RYB color **235, 252, 211** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **211, 222, 252**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 195, 156** is the 20% darker color. If you saturate the color by 10%, you get **224, 252, 186**, and if you desaturate by 10%, it is **246, 252, 236**.

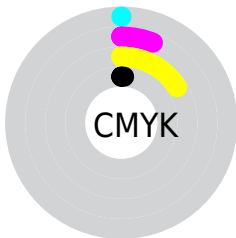
Distribution



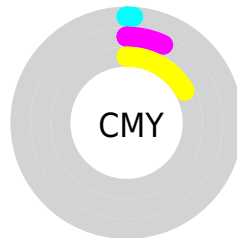
- Red (99%)
- Green (93%)
- Blue (83%)



- Red (92%)
- Yellow (99%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 252, 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 235, 252, 211 by changing the saturation by 10% instead.


 235, 252, 211

255, 255, 255

 235, 252, 211

 205, 223, 183

 178, 195, 156

 152, 168, 130

 125, 141, 105

 100, 115, 81

 75, 90, 58

 53, 67, 36

 28, 44, 15

 13, 22, 0

235, 252, 211

235, 252, 211

224, 252, 186

246, 252, 236

215, 252, 161

252, 254, 255

203, 252, 135

192, 252, 110

184, 252, 85

173, 252, 60

162, 252, 35

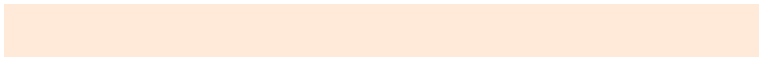
152, 252, 9

147, 252, 0

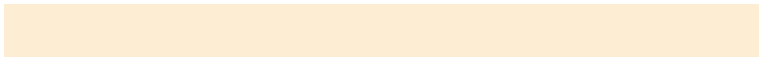
Harmonies

Analogous

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



255, 246, 216



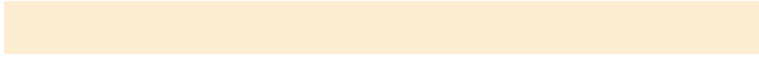
235, 252, 211



213, 241, 217

Triad

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



235, 252, 211



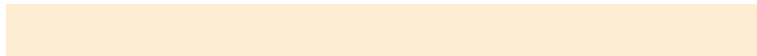
204, 226, 250



255, 231, 254

Complementary

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



235, 252, 211



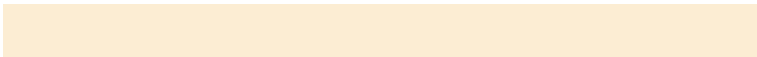
211, 222, 252

Split Complementary

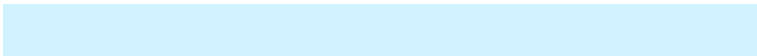
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239, 236, 255



235, 252, 211



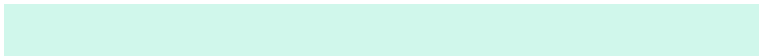
208, 228, 255

Square

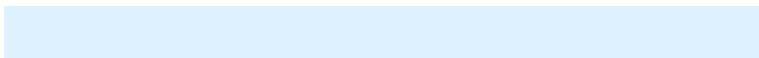
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235, 252, 211



208, 231, 247



222, 234, 255



255, 229, 241

Rectangle

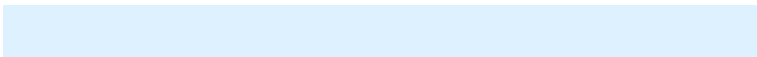
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235, 252, 211



219, 244, 237



222, 234, 255



250, 233, 255

Sweetspot

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



235, 252, 211



250, 255, 242



252, 211, 227



125, 128, 120



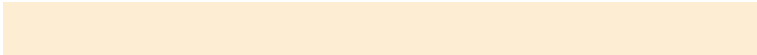
0, 0, 0



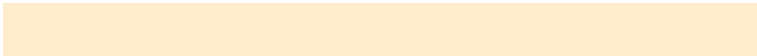
128, 128, 128

Same Dimension

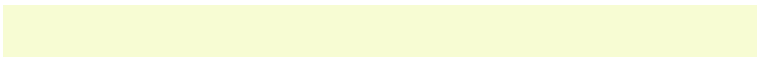
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 252, 211



234, 255, 204



211, 252, 216



120, 125, 112



111, 189, 0



34, 61, 0

Inverse Universe

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



211, 222, 252



204, 218, 255



216, 211, 252



112, 116, 125



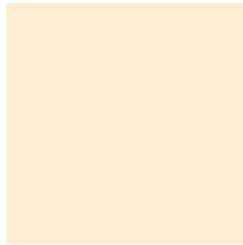
0, 51, 189



0, 17, 61

Previews

White Background



This preview shows how the RYB color 235, 252, 211 looks on a white background.

Color Contrast Check

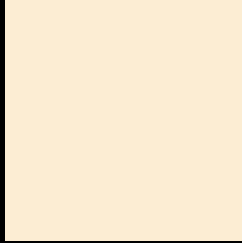
Large Text (above 18pt) WCAG AA × Fail

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 235, 252, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

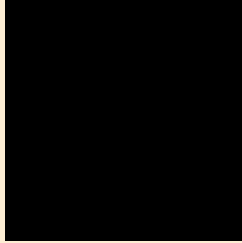
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

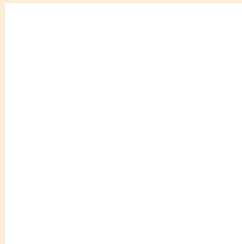
Any Text WCAG AAA ✓ Pass

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

RYB 235, 252, 211 Background



This preview shows how black text looks on a background with the RYB color 235, 252, 211.

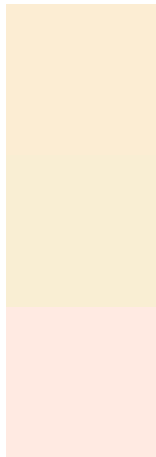


This preview shows how white text looks on a background with the RYB color 235, 252, 211.

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
235, 252, 211

Protanopia
226, 249, 211

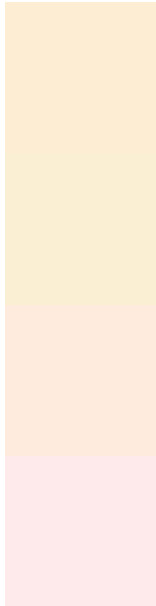
Deuteranopia
255, 237, 226



Tritanopia

255, 232, 248

Trichromacy



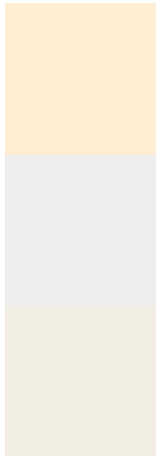
Original Color
235, 252, 211

Protanomaly
228, 250, 211

Deuteranomaly
254, 245, 221

Tritanomaly
254, 234, 235

Monochromacy



Original Color
235, 252, 211

Achromatopsia
238, 238, 238

Achromatomaly
236, 243, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 252, 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(252, 237, 211)` looks like.

```
.text, #text, p{  
    color:rgb(252, 237, 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(252, 237, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 237, 211) }
```

Border

The CSS property to change the border of an element to RYB 235, 252, 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(252, 237, 211) }
```

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

```
.border{ border-color:rgb(252, 237, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 237, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 237, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 237, 211);  
box-shadow:4px 4px 4px 4px rgb(252, 237,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 235, 252, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 237, 211) }
```

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

```
.background{ background-color: rgb(252,  
237, 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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