

Converting Colors

`RYB(228, 255, 211)`

Have a look what the booklet for
RYB(228, 255, 211) contains.

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Color

R_YB(228, 255, 211)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFF3D3 |
| RGB | 255, 243, 211 |
| RGB Percent | 100%, 95%, 83% |
| CMY | 0.0000, 0.0481, 0.1725 |
| CMYK | 0.00, 0.05, 0.17, 0.00 |
| HSL | 43°, 100%, 91% |
| HSV | 43°, 17%, 100% |
| XYZ | 84.9700, 89.9074, 74.5035 |
| YIQ | 242.9400, 17.4240, -7.4080 |

Conversions

Conversions Part 2

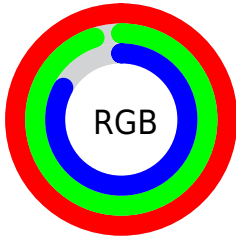
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 228, 255, 211 |
| Decimal | 16774099 |
| CIE Lab | 95.96, -0.91, 16.79 |
| CIE LCh | 96, 16.817, 93.113 |
| Yxy | 89.9074, 0.3407, 0.3605 |
| Android (android.graphics.Color) | 4294964179 (0xFFFFF3D3) |
| YUV | 242.9400, -15.7464, 10.5766 |
| Hunter-Lab | 94.8195, -5.9761, 19.7872 |

Details

The RYB color **228, 255, 211** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **211, 220, 255**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 198, 156** is the 20% darker color. If you saturate the color by 10%, you get **211, 255, 185**, and if you desaturate by 10%, it is **243, 255, 236**.

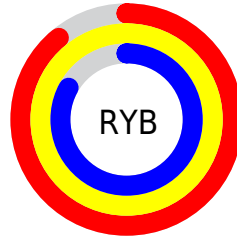
Distribution



Red (100%)

Green (95%)

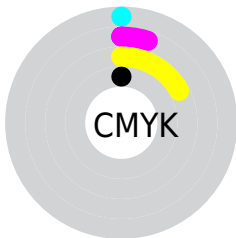
Blue (83%)



Red (89%)

Yellow (100%)

Blue (83%)

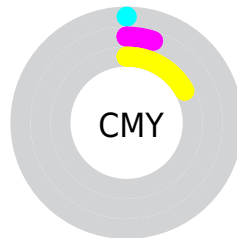


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 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 228, 255, 211 by changing the saturation by 10% instead.

228, 255, 211

255, 255, 255

228, 255, 211

200, 226, 183

171, 198, 156

145, 171, 130

118, 144, 105

95, 118, 81

70, 93, 58

47, 69, 36

24, 46, 15

8, 25, 0

228, 255, 211

228, 255, 211

211, 255, 185

243, 255, 236

196, 255, 160

255, 255, 255

181, 255, 134

166, 255, 109

150, 255, 83

134, 255, 58

118, 255, 32

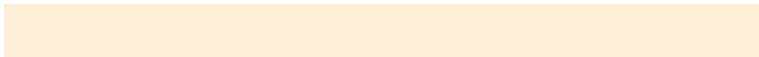
103, 255, 7

98, 255, 0

Harmonies

Analogous

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



248, 255, 215



228, 255, 211



216, 248, 227

Triad

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



228, 255, 211



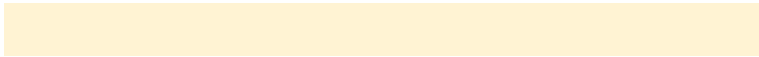
202, 228, 255



255, 234, 255

Complementary

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



228, 255, 211



211, 220, 255

Split Complementary

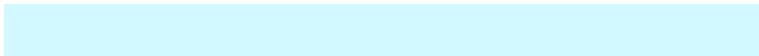
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 239, 255



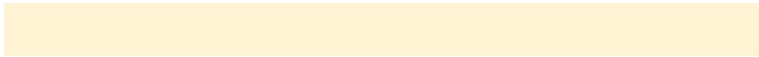
228, 255, 211



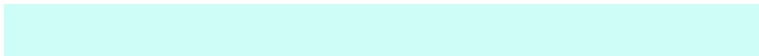
210, 231, 255

Square

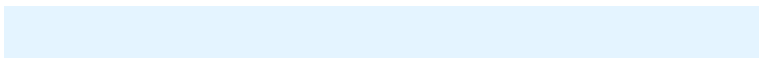
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228, 255, 211



205, 231, 253



228, 238, 255



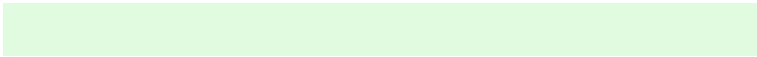
255, 232, 242

Rectangle

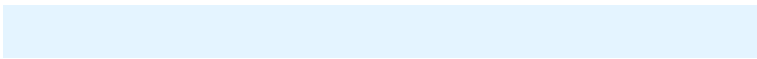
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228, 255, 211



223, 251, 250



228, 238, 255



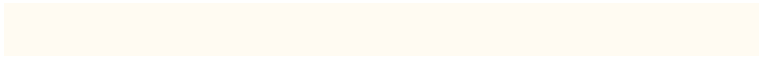
255, 235, 255

Sweetspot

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



228, 255, 211



248, 255, 242



255, 211, 223



125, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

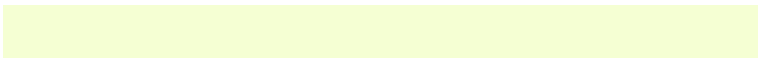
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228, 255, 211



222, 255, 201



211, 255, 221



121, 128, 115



73, 191, 0



25, 64, 0

Inverse Universe

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



211, 220, 255



201, 213, 255



221, 211, 255



115, 117, 128



0, 41, 191



0, 14, 64

Previews

White Background



This preview shows how the RYB color 228, 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 228, 255, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

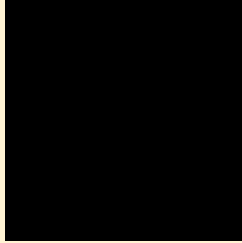
Any Text WCAG AA ✓ Pass

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 228, 255, 211 Background



This preview shows how black text looks on a background with the RYB color 228, 255, 211.



This preview shows how white text looks on a background with the RYB color 228, 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
228, 255, 211

Protanopia
228, 255, 211

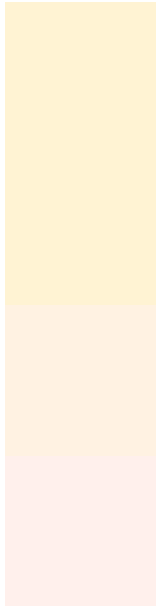
Deuteranopia
255, 245, 234



Tritanopia

255, 239, 251

Trichromacy



Original Color

228, 255, 211

Protanomaly

228, 255, 211

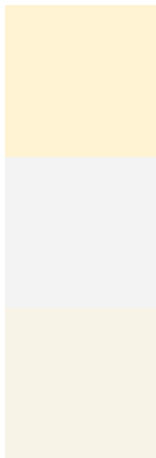
Deuteranomaly

250, 255, 226

Tritanomaly

255, 241, 236

Monochromacy



Original Color

228, 255, 211

Achromatopsia

243, 243, 243

Achromatomaly

236, 247, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 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, 243, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 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, 243, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 211) }
```

Border

The CSS property to change the border of an element to RYB 228, 255, 211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

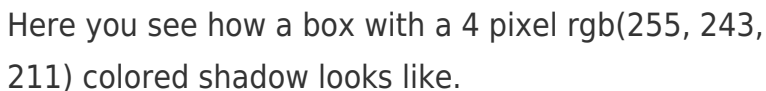
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 243, 211) }
```

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

```
.border{ border-color:rgb(255, 243, 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, 243, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 243, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 243, 211); box-shadow:4px 4px 4px 4px rgb(255, 243, 211) }
```

Background

The CSS property to change the background color of an element to RYB 228, 255, 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, 243, 211) }
```

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

```
.background{ background-color: rgb(255,  
243, 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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