

Converting Colors

`RYB(241, 255, 237)`

Have a look what the booklet for
RYB(241, 255, 237) contains.

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Color

R_YB(241, 255, 237)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCED
RGB	255, 252, 237
RGB Percent	100%, 99%, 93%
CMY	0.0000, 0.0128, 0.0706
CMYK	0.00, 0.01, 0.07, 0.00
HSL	49°, 100%, 96%
HSV	49°, 7%, 100%
XYZ	91.2509, 96.8241, 94.0002
YIQ	251.1870, 6.6030, -4.0290

Conversions

Conversions Part 2

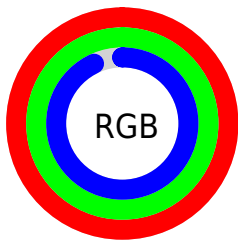
Format	Color
R_{YB}	241, 255, 237
Decimal	16776429
CIE Lab	98.76, -1.40, 7.42
CIE LCh	99, 7.552, 100.659
Yxy	96.8241, 0.3235, 0.3433
Android (android.graphics.Color)	4294966509 (0xFFFFFCED)
YUV	251.1870, -6.9942, 3.3440
Hunter-Lab	98.3992, -6.6660, 12.2400

Details

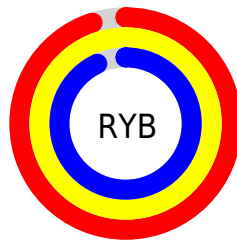
The RYB color 241, 255, 237 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 237, 240, 255, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 185, 198, 181 is the 20% darker color. If you saturate the color by 10%, you get 222, 255, 212, and if you desaturate by 10%, it is 255, 255, 255.

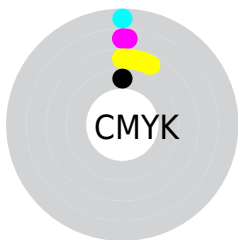
Distribution



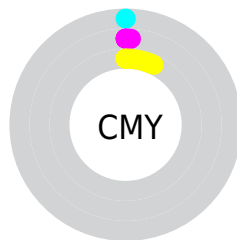
- Red (100%)
- Green (99%)
- Blue (93%)



- Red (95%)
- Yellow (100%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 255, 237 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 241, 255, 237 by changing the saturation by 10% instead.

 241, 255, 237


255, 255, 255

 241, 255, 237


 213, 226, 209


 185, 198, 181

 158, 171, 154

 130, 144, 128

 107, 119, 103

 81, 94, 79

 58, 70, 56

 37, 48, 35

 15, 27, 13

241, 255, 237

241, 255, 237

222, 255, 212

255, 255, 255

202, 255, 186

182, 255, 161

162, 255, 135

142, 255, 110

122, 255, 84

102, 255, 58

82, 255, 33

63, 255, 8

Harmonies

Analogous

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



247, 255, 238



241, 255, 237



240, 254, 248

Triad

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



241, 255, 237



234, 245, 255



255, 247, 255

Complementary

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



241, 255, 237



237, 240, 255

Split Complementary

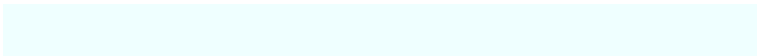
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 249, 255



241, 255, 237



239, 247, 255

Square

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



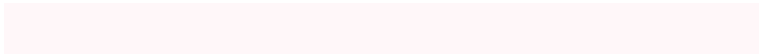
241, 255, 237



234, 245, 255



247, 250, 255



255, 247, 249

Rectangle

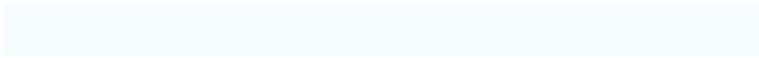
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241, 255, 237



241, 253, 255



247, 250, 255



255, 248, 255

Sweetspot

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



241, 255, 237



251, 255, 250



255, 237, 240



127, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



241, 255, 237



240, 255, 235



237, 255, 243



119, 128, 115



43, 191, 0



15, 64, 0

Inverse Universe

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



237, 240, 255



235, 238, 255



243, 237, 255



115, 117, 128



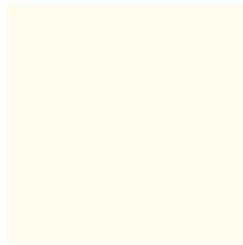
0, 30, 191



0, 10, 64

Previews

White Background



This preview shows how the RYB color 241, 255, 237 looks on a white background.

Color Contrast Check

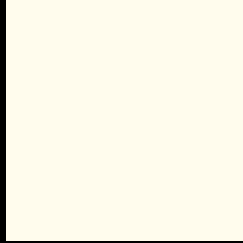
Large Text (above 18pt) WCAG AA × Fail

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 241, 255, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

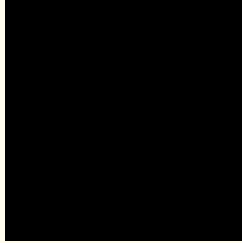
Any Text WCAG AA ✓ Pass

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 241, 255, 237 Background



This preview shows how black text looks on a background with the RYB color 241, 255, 237.

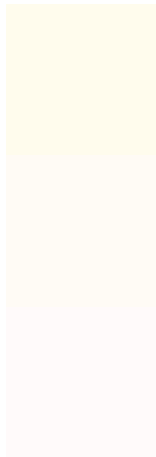


This preview shows how white text looks on a background with the RYB color 241, 255, 237.

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
241, 255, 237

Protanopia
252, 255, 245

Deuteranopia
255, 250, 250

Tritanopia

253, 251, 255

Trichromacy



Original Color

241, 255, 237

Protanomaly

248, 255, 242

Deuteranomaly

252, 255, 245

Tritanomaly

254, 254, 248

Monochromacy



Original Color

241, 255, 237



Achromatopsia

251, 251, 251

Achromatomaly

247, 252, 246

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 255, 237 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, 252, 237) looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 237)  
}
```

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, 252, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 237) }
```

Border

The CSS property to change the border of an element to RYB 241, 255, 237 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, 252, 237) }
```

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

```
.border{ border-color:rgb(255, 252, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 255, 252, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 237) }
```

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

```
.background{ background-color: rgb(255,  
252, 237) }
```

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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