

# Converting Colors

`RYB(241, 252, 229)`

Have a look what the booklet for RYB(241, 252, 229) contains.

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# **Color**

**R<sub>Y</sub>B(241, 252, 229)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCF4E5
RGB	252, 244, 229
RGB Percent	99%, 96%, 90%
CMY	0.0118, 0.0427, 0.1020
CMYK	0.00, 0.03, 0.09, 0.01
HSL	39°, 79%, 94%
HSV	39°, 9%, 99%
XYZ	86.6728, 91.1228, 87.1490
YIQ	244.6820, 9.5830, -2.9690

# Conversions

## Conversions Part 2

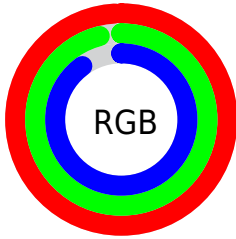
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 252, 229
Decimal	16577765
CIE Lab	96.46, 0.12, 8.20
CIE LCh	96, 8.205, 89.174
Yxy	91.1228, 0.3271, 0.3439
Android (android.graphics.Color)	4294767845 (0xFFFCF4E5)
YUV	244.6820, -7.7312, 6.4179
Hunter-Lab	95.4582, -4.9800, 12.6917

# Details

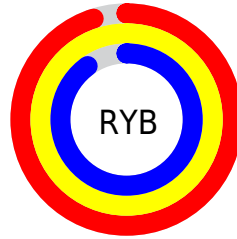
The RYB color **241, 252, 229** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **229, 235, 252**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **185, 195, 174** is the 20% darker color. If you saturate the color by 10%, you get **230, 252, 204**, and if you desaturate by 10%, it is **252, 253, 254**.

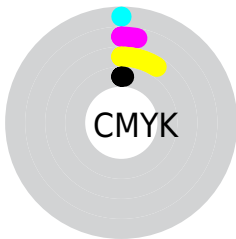
# Distribution



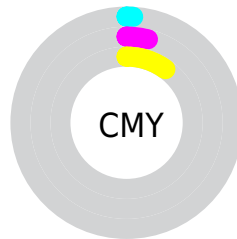
- Red (99%)
- Green (96%)
- Blue (90%)



- Red (95%)
- Yellow (99%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 241, 252, 229 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, 252, 229 by changing the saturation by 10% instead.



 241, 252, 229


255, 255, 255

 241, 252, 229

 211, 223, 201

 185, 195, 174

 158, 168, 147

 132, 142, 121

 105, 116, 96

 82, 91, 73

 59, 68, 50

 36, 45, 29

 12, 26, 4

241, 252, 229

241, 252, 229

230, 252, 204

252, 253, 254

217, 252, 179

252, 254, 255

205, 252, 153

192, 252, 128

181, 252, 103

170, 252, 78

156, 252, 53

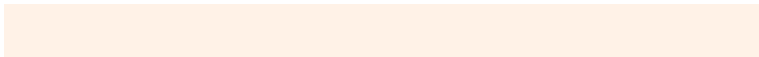
144, 252, 27

133, 252, 2

# Harmonies

## Analogous

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



255, 251, 231



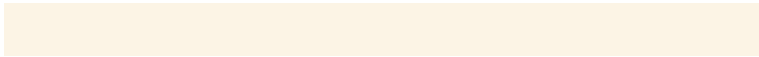
241, 252, 229



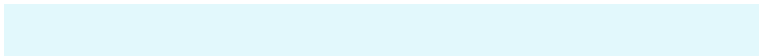
231, 247, 235

# Triad

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



241, 252, 229



226, 238, 252



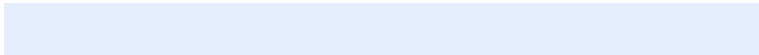
255, 241, 253

# Complementary

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



241, 252, 229



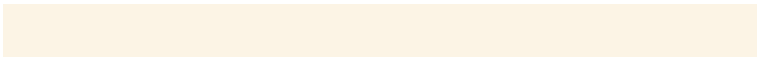
229, 235, 252

# Split Complementary

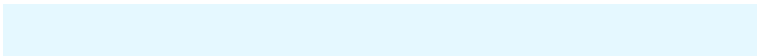
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246, 243, 255



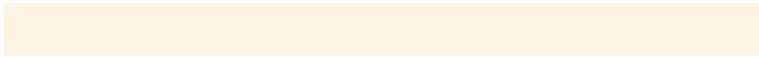
241, 252, 229



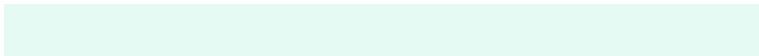
229, 240, 255

# Square

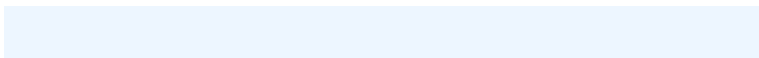
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241, 252, 229



228, 241, 250



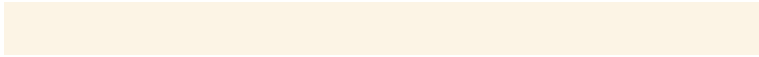
237, 243, 255



255, 240, 245

# Rectangle

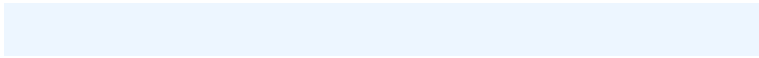
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241, 252, 229



234, 248, 245



237, 243, 255



253, 241, 255

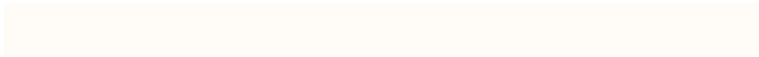


# Sweetspot

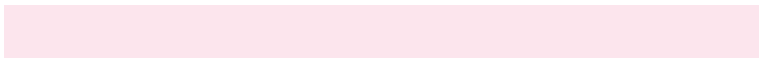
The Sweet Spot groups the original color and five complimentary colors.



241, 252, 229



252, 255, 247



252, 229, 237



125, 128, 122



0, 0, 0

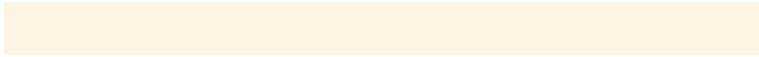


128, 128, 128

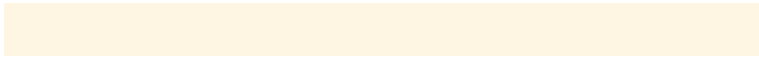


# Same Dimension

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



241, 252, 229



243, 255, 227



229, 252, 232



118, 125, 112



99, 189, 0



32, 61, 0

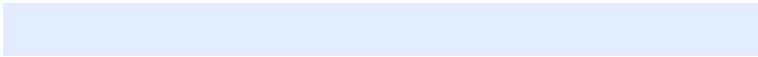


# Inverse Universe

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



229, 235, 252



227, 234, 255



232, 229, 252



112, 116, 125



0, 48, 189

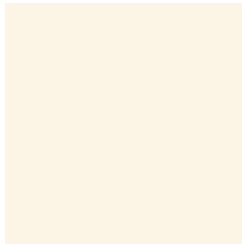


0, 16, 61



# Previews

## White Background



This preview shows how the RYB color 241, 252, 229 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, 252, 229 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

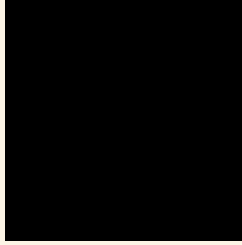
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## **RYB 241, 252, 229 Background**



This preview shows how black text looks on a background with the RYB color 241, 252, 229.

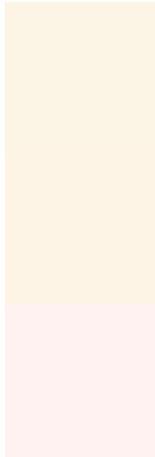


This preview shows how white text looks on a background with the RYB color 241, 252, 229.

# 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, 252, 229

**Protanopia**  
243, 253, 229

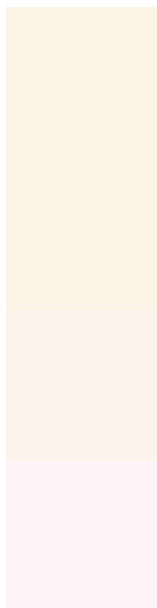
**Deuteranopia**  
255, 242, 240



# Tritanopia

253, 241, 255

# Trichromacy



## Original Color

241, 252, 229

## Protanomaly

243, 253, 229

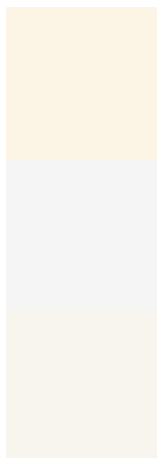
## Deuteranomaly

254, 247, 236

## Tritanomaly

253, 242, 246

# Monochromacy



## Original Color

241, 252, 229

## Achromatopsia

245, 245, 245

## Achromatomaly

244, 248, 239

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 241, 252, 229 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, 244, 229) looks like.

```
.text, #text, p{  
    color:rgb(252, 244, 229)  
}
```

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, 244, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 244, 229) }
```

## Border

The CSS property to change the border of an element to RYB 241, 252, 229 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, 244, 229) }
```

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

```
.border{ border-color:rgb(252, 244, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 244, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 244, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 244, 229);  
box-shadow:4px 4px 4px 4px rgb(252, 244,  
229) }
```

# Background

The CSS property to change the background color of an element to RYB 241, 252, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 244, 229) }
```

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

```
.background{ background-color: rgb(252,  
244, 229) }
```

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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