

Converting Colors

`RYB(249, 253, 237)`

Have a look what the booklet for RYB(249, 253, 237) contains.

RYB(249, 253, 237)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(249, 253, 237)

Conversions

Conversions Part 1

Format	Color
Hex	FDF6ED
RGB	253, 246, 237
RGB Percent	99%, 96%, 93%
CMY	0.0078, 0.0347, 0.0706
CMYK	0.00, 0.03, 0.06, 0.01
HSL	34°, 80%, 96%
HSV	34°, 6%, 99%
XYZ	88.7933, 92.9955, 93.3908
YIQ	247.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

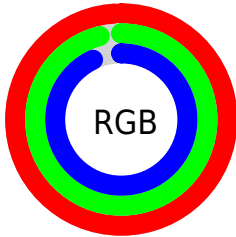
Format	Color
R _Y B	249, 253, 237
Decimal	16643821
CIE Lab	97.23, 0.74, 5.19
CIE LCh	97, 5.244, 81.865
Yxy	92.9955, 0.3227, 0.3379
Android (android.graphics.Color)	4294833901 (0xFFFD6ED)
YUV	247.0670, -4.9630, 5.2032
Hunter-Lab	96.4342, -4.4032, 10.0851

Details

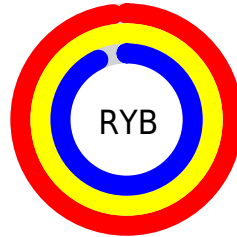
The RYB color **249, 253, 237** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **237, 242, 253**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **191, 196, 181** is the 20% darker color. If you saturate the color by 10%, you get **244, 253, 212**, and if you desaturate by 10%, it is **253, 254, 255**.

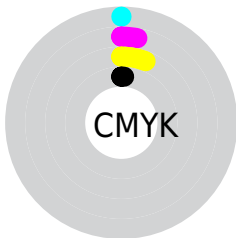
Distribution



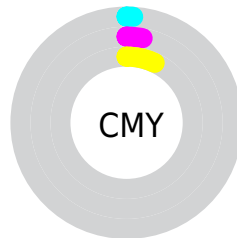
- Red (99%)
- Green (96%)
- Blue (93%)



- Red (98%)
- Yellow (99%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (1%)



- Cyan (1%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 253, 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 249, 253, 237 by changing the saturation by 10% instead.

 249, 253, 237

255, 255, 255

 249, 253, 237

 219, 224, 209

 191, 196, 181


 164, 169, 154


 138, 143, 128

 114, 117, 103

 87, 92, 79

 64, 69, 56

 41, 46, 35

 21, 26, 13

 249, 253, 237

 249, 253, 237

 244, 253, 212


253, 254, 255


 237, 253, 186


 229, 253, 161

 223, 253, 136

 218, 253, 111

 211, 253, 85

 206, 253, 60

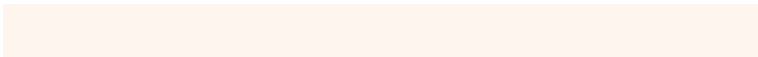
 200, 253, 35

 190, 253, 9

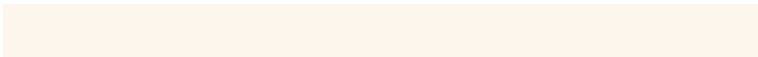
Harmonies

Analogous

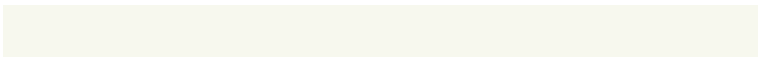
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 249, 239



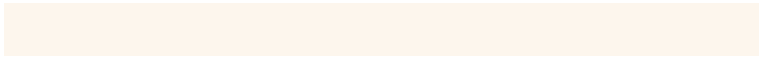
249, 253, 237



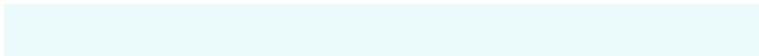
238, 248, 239

Triad

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



249, 253, 237



235, 243, 251



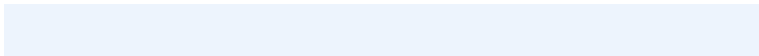
252, 245, 253

Complementary

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



249, 253, 237



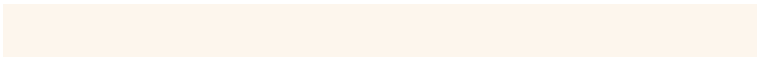
237, 242, 253

Split Complementary

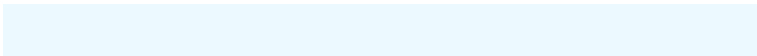
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246, 246, 255



249, 253, 237



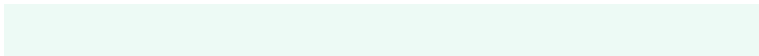
236, 244, 255

Square

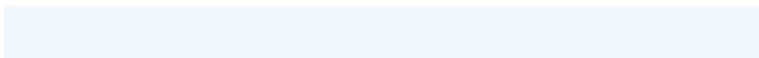
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 253, 237



237, 245, 250



241, 246, 255



255, 244, 249

Rectangle

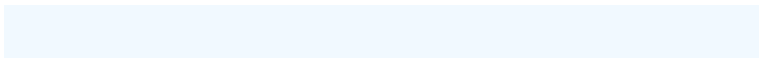
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 253, 237



239, 249, 245



241, 246, 255



251, 245, 255

Sweetspot

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



249, 253, 237



253, 255, 250



253, 237, 244



128, 127, 125



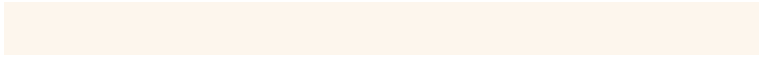
0, 0, 0



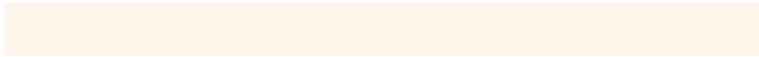
128, 128, 128

Same Dimension

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



249, 253, 237



251, 255, 235



237, 253, 238



126, 128, 115



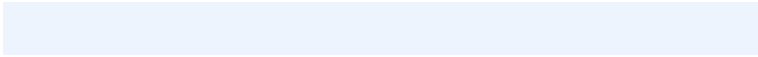
144, 191, 0



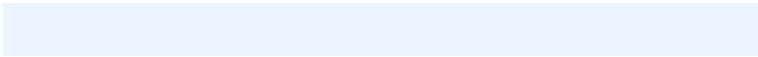
50, 64, 0

Inverse Universe

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



237, 242, 253



235, 241, 255



238, 237, 253



115, 119, 128



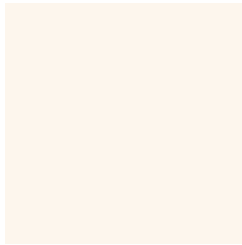
0, 57, 191



0, 19, 64

Previews

White Background



This preview shows how the RYB color 249, 253, 237 looks on a white background.

Color Contrast Check

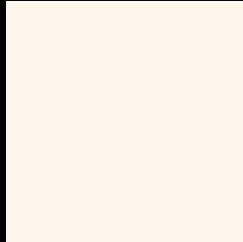
Large Text (above 18pt) WCAG AA × Fail

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 249, 253, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

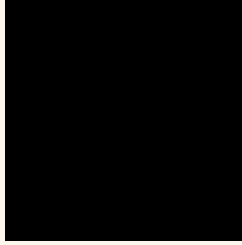
Any Text WCAG AA ✓ Pass

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 249, 253, 237 Background



This preview shows how black text looks on a background with the RYB color 249, 253, 237.

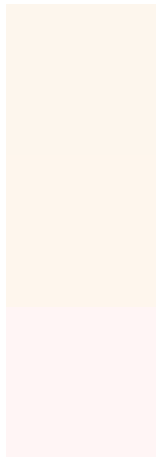


This preview shows how white text looks on a background with the RYB color 249, 253, 237.

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
249, 253, 237

Protanopia
252, 254, 237

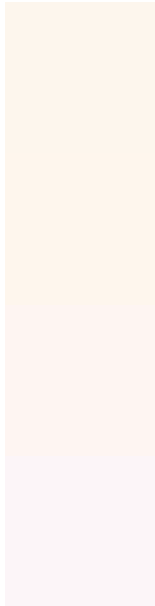
Deuteranopia
255, 245, 245



Tritanopia

252, 245, 255

Trichromacy



Original Color

249, 253, 237

Protanomaly

252, 254, 237

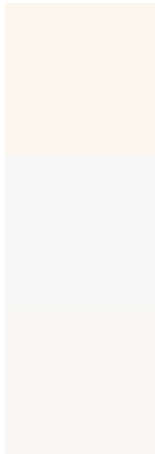
Deuteranomaly

254, 246, 242

Tritanomaly

252, 245, 248

Monochromacy



Original Color

249, 253, 237

Achromatopsia

247, 247, 247

Achromatomaly

246, 249, 243

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 253, 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(253, 246, 237) looks like.

```
.text, #text, p{  
    color:rgb(253, 246, 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(253, 246, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 246, 237) }
```

Border

The CSS property to change the border of an element to RYB 249, 253, 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(253, 246, 237) }
```

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

```
.border{ border-color:rgb(253, 246, 237) }
```

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

Here you see how a box with a 4 pixel rgb(253, 246, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 246, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 246, 237);  
box-shadow:4px 4px 4px 4px rgb(253, 246,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 249, 253, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 246, 237) }
```

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

```
.background{ background-color: rgb(253,  
246, 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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