

Converting Colors

`RYB(247, 255, 241)`

Have a look what the booklet for
RYB(247, 255, 241) contains.

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Color

R_YB(247, 255, 241)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBF1
RGB	255, 251, 241
RGB Percent	100%, 98%, 95%
CMY	0.0000, 0.0165, 0.0549
CMYK	0.00, 0.02, 0.05, 0.00
HSL	42°, 100%, 97%
HSV	42°, 5%, 100%
XYZ	91.5519, 96.4803, 97.0164
YIQ	251.0560, 5.5940, -2.2620

Conversions

Conversions Part 2

Format	Color
R_{YB}	247, 255, 241
Decimal	16776177
CIE _{Lab}	98.62, -0.27, 5.17
CIE _{LCh}	99, 5.179, 92.978
Yxy	96.4803, 0.3212, 0.3385
Android (android.graphics.Color)	4294966257 (0xFFFFBF1)
YUV	251.0560, -4.9576, 3.4589
Hunter-Lab	98.2244, -5.5184, 10.1963

Details

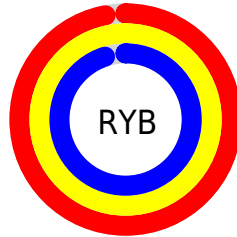
The RYB color 247, 255, 241 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 241, 244, 255, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 189, 198, 185 is the 20% darker color. If you saturate the color by 10%, you get 233, 255, 216, and if you desaturate by 10%, it is 255, 255, 255.

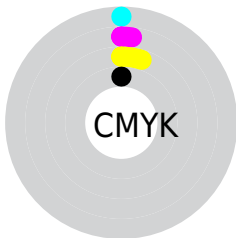
Distribution



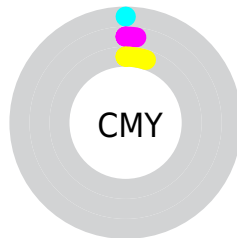
- Red (100%)
- Green (98%)
- Blue (95%)



- Red (97%)
- Yellow (100%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 255, 241 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 247, 255, 241 by changing the saturation by 10% instead.


 247, 255, 241

255, 255, 255

 247, 255, 241

 219, 226, 213

 191, 198, 185

 164, 171, 158

 136, 144, 132

 113, 119, 107

 87, 94, 83

 64, 70, 60

 42, 48, 38

 20, 27, 17

247, 255, 241

247, 255, 241

233, 255, 216

255, 255, 255

219, 255, 190

202, 255, 164

189, 255, 139

174, 255, 114

159, 255, 88

145, 255, 62

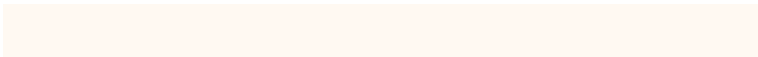
130, 255, 37

115, 255, 11

Harmonies

Analogous

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



253, 255, 242



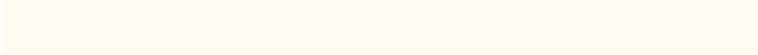
247, 255, 241



243, 252, 246

Triad

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



247, 255, 241



239, 247, 255



255, 248, 255

Complementary

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



247, 255, 241



241, 244, 255

Split Complementary

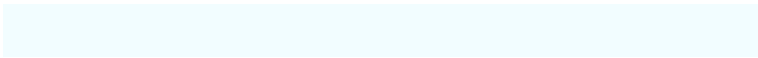
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



253, 250, 255



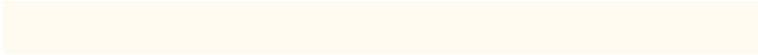
247, 255, 241



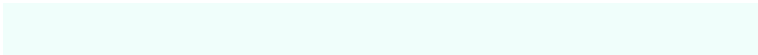
242, 248, 255

Square

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



247, 255, 241



240, 248, 254



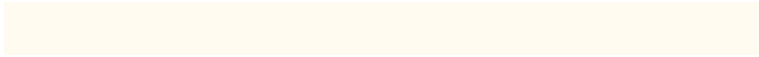
247, 250, 255



255, 248, 251

Rectangle

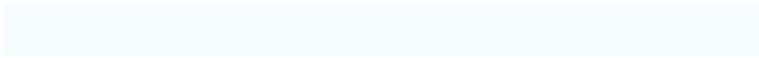
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247, 255, 241



245, 253, 253



247, 250, 255



255, 249, 255

Sweetspot

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



247, 255, 241



253, 255, 250



255, 241, 245



127, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



247, 255, 241



244, 255, 237



241, 255, 244



123, 128, 117



81, 191, 0



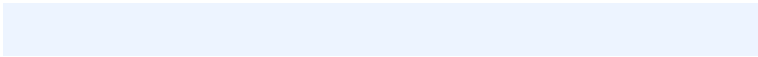
27, 64, 0

Inverse Universe

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



241, 244, 255



237, 242, 255



244, 241, 255



117, 119, 128



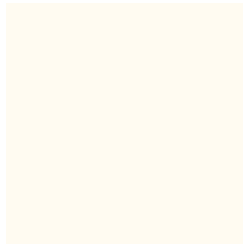
0, 44, 191



0, 15, 64

Previews

White Background



This preview shows how the RYB color 247, 255, 241 looks on a white background.

Color Contrast Check

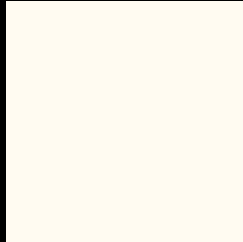
Large Text (above 18pt) WCAG AA × Fail

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 247, 255, 241 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 247, 255, 241 Background



This preview shows how black text looks on a background with the RYB color 247, 255, 241.




This preview shows how white text looks on a background with the RYB color 247, 255, 241.

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
247, 255, 241

Protanopia
255, 255, 245

Deuteranopia
255, 250, 250

Tritanopia
253, 250, 255

Trichromacy



Original Color

247, 255, 241

Protanomaly

253, 255, 244

Deuteranomaly

255, 252, 247

Tritanomaly

254, 250, 250

Monochromacy



Original Color

247, 255, 241

Achromatopsia

251, 251, 251

Achromatomaly

248, 252, 247

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 255, 241 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, 251, 241) looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 241)  
}
```

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, 251, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 241) }
```

Border

The CSS property to change the border of an element to RYB 247, 255, 241 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, 251, 241) }
```

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

```
.border{ border-color:rgb(255, 251, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 247, 255, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 241) }
```

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

```
.background{ background-color: rgb(255,  
251, 241) }
```

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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