

Converting Colors

`RYB(250, 255, 247)`

Have a look what the booklet for
RYB(250, 255, 247) contains.

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Color

R_YB(250, 255, 247)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDF7
RGB	255, 253, 247
RGB Percent	100%, 99%, 97%
CMY	0.0000, 0.0086, 0.0314
CMYK	0.00, 0.01, 0.03, 0.00
HSL	44°, 100%, 98%
HSV	44°, 3%, 100%
XYZ	93.0964, 98.1112, 102.0263
YIQ	252.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

Format	Color
R _Y B	250, 255, 247
Decimal	16776695
CIE Lab	99.27, -0.28, 3.02
CIE LCh	99, 3.035, 95.219
Yxy	98.1112, 0.3175, 0.3346
Android (android.graphics.Color)	4294966775 (0xFFFFFDF7)
YUV	252.9140, -2.9156, 1.8294
Hunter-Lab	99.0511, -5.5704, 8.2649

Details

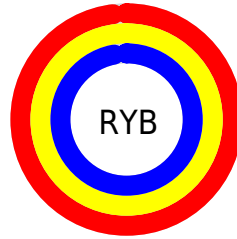
The RYB color 250, 255, 247 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 247, 249, 255, and the grayscale version is 253, 253, 253.

A 20% lighter version of the original color is 255, 255, 255, and 194, 198, 191 is the 20% darker color. If you saturate the color by 10%, you get 234, 255, 222, and if you desaturate by 10%, it is 255, 255, 255.

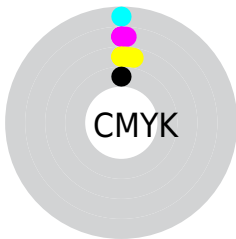
Distribution



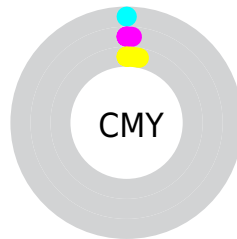
- Red (100%)
- Green (99%)
- Blue (97%)



- Red (98%)
- Yellow (100%)
- Blue (97%)



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 255, 247 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 250, 255, 247 by changing the saturation by 10% instead.


 250, 255, 247


255, 255, 255

 250, 255, 247


 222, 226, 219

 194, 198, 191


 167, 171, 164

 140, 145, 137

 115, 119, 112

 91, 94, 88

 67, 71, 64

 43, 48, 42

 23, 27, 22

250, 255, 247

250, 255, 247

234, 255, 222

255, 255, 255

218, 255, 196

203, 255, 171

186, 255, 145

171, 255, 120

155, 255, 94

138, 255, 68

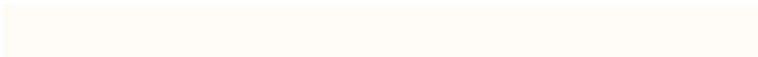
123, 255, 43

106, 255, 17

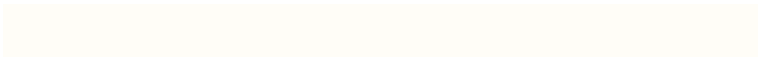
Harmonies

Analogous

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



253, 255, 248



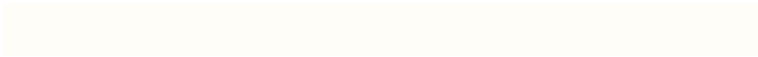
250, 255, 247



248, 254, 251

Triad

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



250, 255, 247



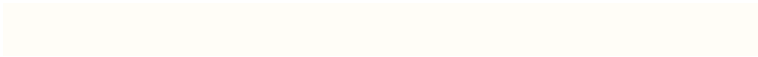
246, 251, 255



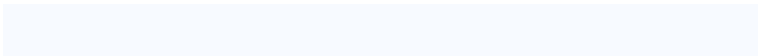
255, 251, 255

Complementary

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



250, 255, 247



247, 249, 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.



254, 252, 255



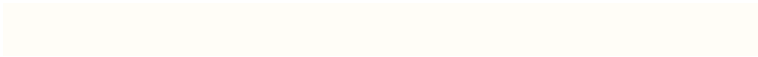
250, 255, 247



248, 251, 255

Square

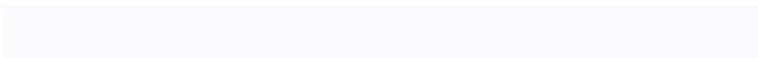
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250, 255, 247



246, 251, 255



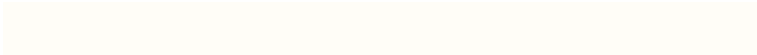
251, 252, 255



255, 251, 252

Rectangle

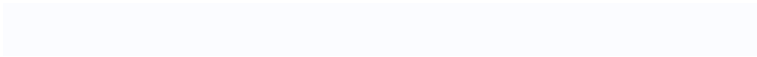
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250, 255, 247



249, 254, 254



251, 252, 255



255, 251, 255

Sweetspot

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



250, 255, 247



254, 255, 252



255, 247, 249



128, 128, 126



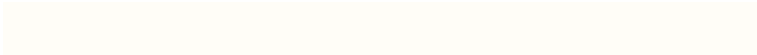
0, 0, 0



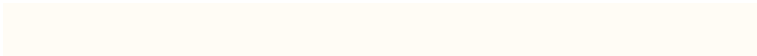
128, 128, 128

Same Dimension

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



250, 255, 247



249, 255, 245



247, 255, 249



124, 128, 121



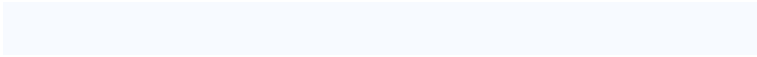
71, 191, 0



25, 64, 0

Inverse Universe

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



247, 249, 255



245, 247, 255



249, 247, 255



121, 123, 128



0, 41, 191



0, 13, 64

Previews

White Background



This preview shows how the RYB color 250, 255, 247 looks on a white background.

Color Contrast Check

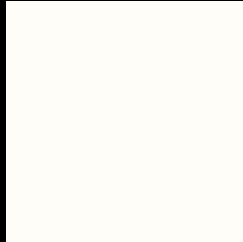
Large Text (above 18pt) WCAG AA × Fail

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 250, 255, 247 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](#).

RYP 250, 255, 247 Background



This preview shows how black text looks on a background with the RYP color 250, 255, 247.



This preview shows how white text looks on a background with the RYP color 250, 255, 247.

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
250, 255, 247

Protanopia
255, 252, 251

Deuteranopia
255, 252, 253

Tritanopia

254, 252, 255

Trichromacy

Original Color

250, 255, 247

Protanomaly

255, 253, 250

Deuteranomaly

255, 252, 251

Tritanomaly

254, 252, 252

Monochromacy

Original Color

250, 255, 247

Achromatopsia

253, 253, 253

Achromatomaly

253, 254, 251

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 255, 247 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, 253, 247) looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 247)  
}
```

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, 253, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 247) }
```

Border

The CSS property to change the border of an element to RYB 250, 255, 247 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, 253, 247) }
```

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

```
.border{ border-color:rgb(255, 253, 247) }
```

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

Here you see how a box with a 4 pixel rgb(255, 253, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
247) }
```

Background

The CSS property to change the background color of an element to RYB 250, 255, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 247) }
```

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

```
.background{ background-color: rgb(255,  
253, 247) }
```

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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