

Converting Colors

`RYB(250, 247, 250)`

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

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Color

R_YB(250, 247, 250)

Conversions

Conversions Part 1

Format	Color
Hex	FAF7FA
RGB	250, 247, 250
RGB Percent	98%, 97%, 98%
CMY	0.0196, 0.0314, 0.0196
CMYK	0.00, 0.01, 0.00, 0.02
HSL	300°, 23%, 97%
HSV	300°, 1%, 98%
XYZ	89.9404, 93.7476, 103.7972
YIQ	248.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

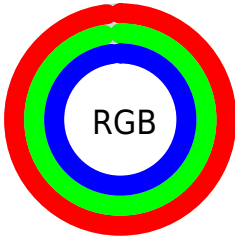
Format	Color
R _Y B	250, 247, 250
Decimal	16447482
CIE Lab	97.53, 1.53, -1.09
CIE LCh	98, 1.878, 324.346
Yxy	93.7476, 0.3129, 0.3261
Android (android.graphics.Color)	4294637562 (0xFFFAF7FA)
YUV	248.2390, 0.8682, 1.5444
Hunter-Lab	96.8234, -3.6300, 4.2159

Details

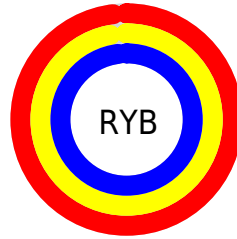
The RYB color 250, 247, 250 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 247, 250, 250, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 194, 191, 194 is the 20% darker color. If you saturate the color by 10%, you get 250, 222, 250, and if you desaturate by 10%, it is 250, 255, 255.

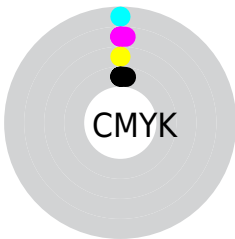
Distribution



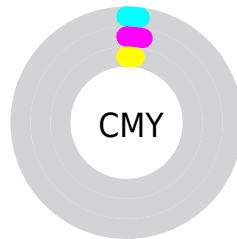
- Red (98%)
- Green (97%)
- Blue (98%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

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


 250, 247, 250


255, 255, 255

 250, 247, 250

 221, 219, 221

 194, 191, 194

 166, 164, 166

 140, 137, 140

 115, 112, 115

 90, 88, 90

 67, 64, 67

 45, 42, 45


 24, 22, 24


 250, 247, 250


 250, 247, 250


 250, 222, 250


 250, 255, 255


 250, 197, 250


 250, 172, 250


 250, 147, 250

 250, 122, 250

 250, 97, 250

 250, 72, 250

 250, 47, 250

 250, 22, 250

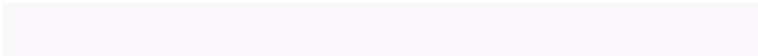
Harmonies

Analogous

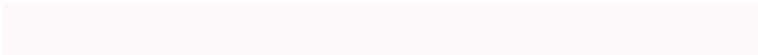
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 248, 251



250, 247, 250



252, 247, 248

Triad

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



250, 247, 250



247, 250, 244



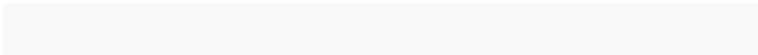
244, 247, 249

Complementary

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



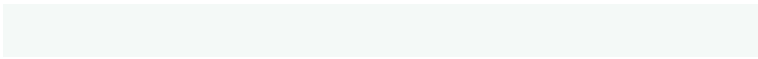
250, 247, 250



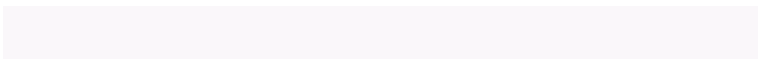
247, 250, 250

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.



244, 247, 249



250, 247, 250



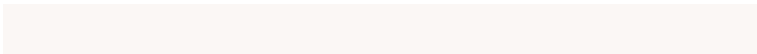
245, 248, 245

Square

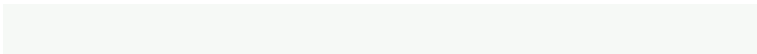
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250, 247, 250



251, 248, 245



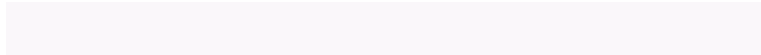
246, 249, 249



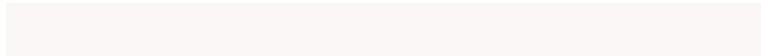
244, 247, 251

Rectangle

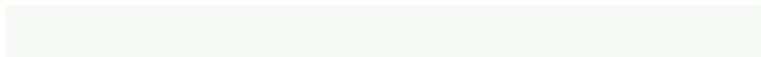
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



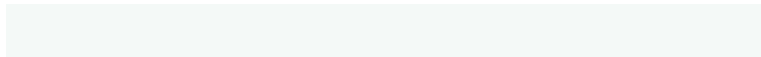
250, 247, 250



252, 247, 247



246, 249, 249



244, 247, 249

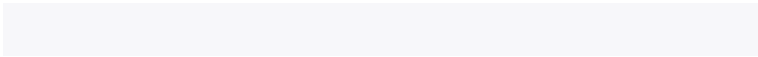
Sweetspot

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



250, 247, 250

255, 255, 255



247, 247, 250



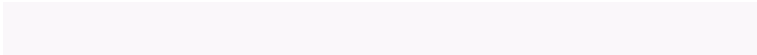
128, 128, 128



0, 0, 0

Same Dimension

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



250, 247, 250



255, 252, 255



250, 247, 249



125, 124, 125



189, 0, 189



61, 0, 61

Inverse Universe

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



250, 247, 250



255, 252, 255



247, 249, 250



125, 124, 125



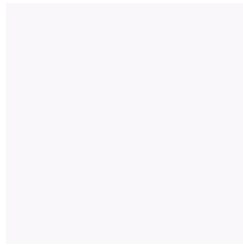
189, 0, 189



61, 0, 61

Previews

White Background



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

Color Contrast Check

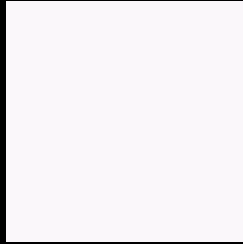
Large Text (above 18pt) WCAG AA × Fail

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, 247, 250 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

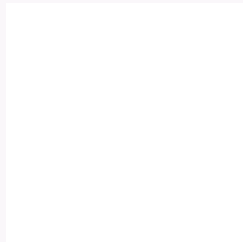
Any Text WCAG AAA ✓ Pass

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

RYB 250, 247, 250 Background



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

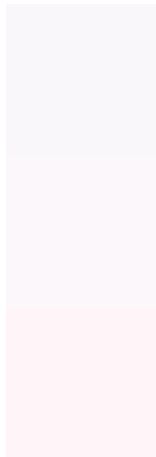


This preview shows how white text looks on a background with the RYB color 250, 247, 250.

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, 247, 250

Protanopia
251, 247, 250

Deuteranopia
255, 245, 249



Tritanopia

250, 247, 255

Trichromacy



Original Color

250, 247, 250

Protanomaly

251, 247, 250

Deuteranomaly

253, 246, 249

Tritanomaly

250, 247, 253

Monochromacy



Original Color

250, 247, 250

Achromatopsia

248, 248, 248

Achromatomaly

249, 248, 249

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(250, 247, 250)  
}
```

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(250, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 247, 250) }
```

Border

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

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

```
.border{ border-color:rgb(250, 247, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 247, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 247, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 247, 250);  
box-shadow:4px 4px 4px 4px rgb(250, 247,  
250) }
```

Background

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

```
.background, #background, body{  
background: rgb(250, 247, 250) }
```

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

```
.background{ background-color: rgb(250,  
247, 250) }
```

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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