

Converting Colors

`RYB(253, 248, 251)`

Have a look what the booklet for RYB(253, 248, 251) contains.

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Color

R_YB(253, 248, 251)

Conversions

Conversions Part 1

Format	Color
Hex	FDF8FB
RGB	253, 248, 251
RGB Percent	99%, 97%, 98%
CMY	0.0078, 0.0275, 0.0157
CMYK	0.00, 0.02, 0.01, 0.01
HSL	324°, 56%, 98%
HSV	324°, 2%, 99%
XYZ	91.4880, 94.9825, 104.7783
YIQ	249.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

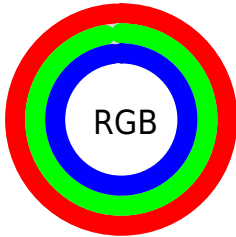
Format	Color
R _Y B	253, 248, 251
Decimal	16644347
CIE Lab	98.03, 2.19, -0.86
CIE LCh	98, 2.348, 338.592
Yxy	94.9825, 0.3141, 0.3261
Android (android.graphics.Color)	4294834427 (0xFFFD8FB)
YUV	249.8370, 0.5734, 2.7740
Hunter-Lab	97.4590, -2.9892, 4.4785

Details

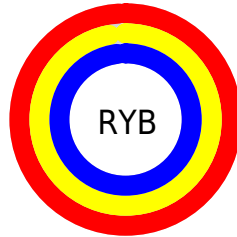
The RYB color 253, 248, 251 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 248, 252, 253, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 196, 192, 195 is the 20% darker color. If you saturate the color by 10%, you get 253, 223, 241, and if you desaturate by 10%, it is 253, 254, 255.

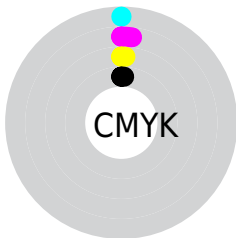
Distribution



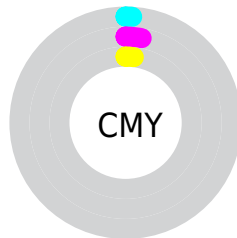
- Red (99%)
- Green (97%)
- Blue (98%)



- Red (99%)
- Yellow (97%)
- Blue (98%)



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



- Cyan (1%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 253, 248, 251 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 253, 248, 251 by changing the saturation by 10% instead.

 253, 248, 251

255, 255, 255

 253, 248, 251

 224, 219, 222

 196, 192, 195

 169, 165, 167

 143, 138, 141

 117, 113, 115

 93, 88, 91

 69, 65, 67

 47, 43, 45

 26, 23, 25

 253, 248, 251


 253, 248, 251


 253, 223, 241


253, 254, 255


 253, 197, 231

 253, 172, 221


 253, 147, 211

 253, 122, 200

 253, 96, 190

 253, 71, 180

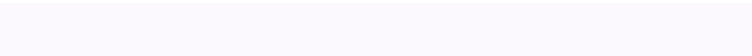
 253, 46, 170

 253, 20, 160

Harmonies

Analogous

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



251, 249, 253



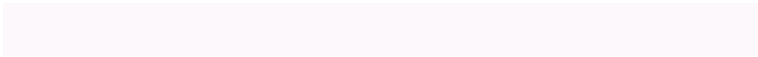
253, 248, 251



254, 248, 249

Triad

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



253, 248, 251



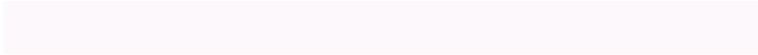
248, 251, 245



244, 248, 252

Complementary

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



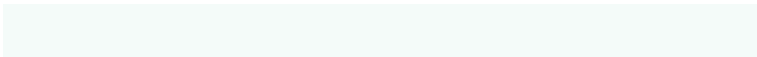
253, 248, 251



248, 252, 253

Split Complementary

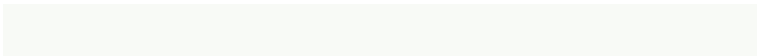
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244, 248, 251



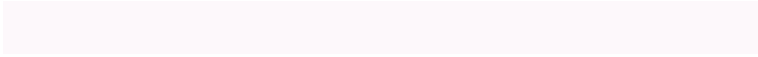
253, 248, 251



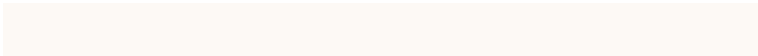
246, 250, 248

Square

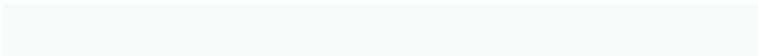
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253, 248, 251



253, 253, 245



246, 250, 251



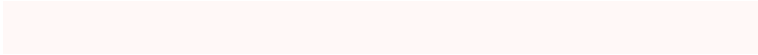
245, 248, 253

Rectangle

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



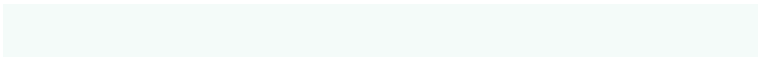
253, 248, 251



255, 248, 247



246, 250, 251



244, 248, 251

Sweetspot

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



253, 248, 251



255, 252, 254



250, 248, 253



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



253, 248, 251



255, 250, 253



253, 248, 249



128, 125, 126



191, 0, 115



64, 0, 38

Inverse Universe

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



253, 248, 251



255, 250, 253



248, 251, 253



128, 125, 126



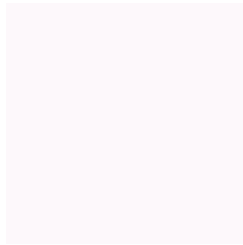
191, 0, 115



64, 0, 38

Previews

White Background



This preview shows how the RGB color 253, 248, 251 looks on a white background.

Color Contrast Check

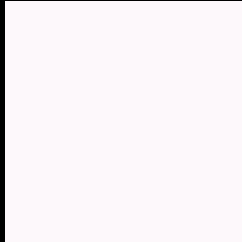
Large Text (above 18pt) WCAG AA × Fail

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 253, 248, 251 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 253, 248, 251 Background



This preview shows how black text looks on a background with the RYB color 253, 248, 251.




This preview shows how white text looks on a background with the RYB color 253, 248, 251.

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
253, 248, 251

Protanopia
253, 248, 251

Deuteranopia
255, 247, 250



Tritanopia

251, 248, 255

Trichromacy



Original Color

253, 248, 251

Protanomaly

253, 248, 251

Deuteranomaly

254, 247, 250

Tritanomaly

252, 248, 254

Monochromacy



Original Color

253, 248, 251

Achromatopsia

250, 250, 250

Achromatomaly

251, 249, 250

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 248, 251 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, 248, 251) looks like.

```
.text, #text, p{  
    color:rgb(253, 248, 251)  
}
```

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, 248, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 248, 251) }
```

Border

The CSS property to change the border of an element to RYB 253, 248, 251 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, 248, 251) }
```

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

```
.border{ border-color:rgb(253, 248, 251) }
```

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

Here you see how a box with a 4 pixel rgb(253, 248, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 248, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 248, 251);  
box-shadow:4px 4px 4px 4px rgb(253, 248,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 253, 248, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 248, 251) }
```

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

```
.background{ background-color: rgb(253,  
248, 251) }
```

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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