

Converting Colors

`RYB(253, 250, 254)`

Have a look what the booklet for RYB(253, 250, 254) contains.

RYB(253, 250, 254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

R_YB(253, 250, 254)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FDFAFE</code>
RGB	<code>253, 250, 254</code>
RGB Percent	<code>99%, 98%, 100%</code>
CMY	<code>0.0078, 0.0196, 0.0039</code>
CMYK	<code>0.00, 0.02, 0.00, 0.00</code>
HSL	<code>285°, 67%, 99%</code>
HSV	<code>285°, 2%, 100%</code>
XYZ	<code>92.5830, 96.4096, 107.4952</code>
YIQ	<code>251.3530, 0.5040, 1.8800</code>

Conversions

Conversions Part 2

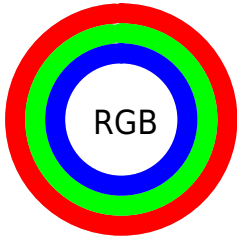
Format	Color
R _Y B	253, 250, 254
Decimal	16644862
CIE Lab	98.59, 1.70, -1.57
CIE LCh	99, 2.313, 317.261
Yxy	96.4096, 0.3123, 0.3252
Android (android.graphics.Color)	4294834942 (0xFFFDFAFE)
YUV	251.3530, 1.3050, 1.4444
Hunter-Lab	98.1884, -3.5199, 3.8221

Details

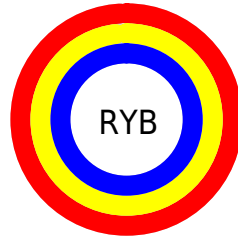
The RYB color 253, 250, 254 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 250, 254, 253, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 196, 194, 197 is the 20% darker color. If you saturate the color by 10%, you get 247, 225, 254, and if you desaturate by 10%, it is 254, 255, 254.

Distribution



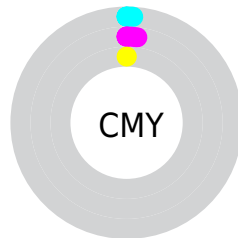
- Red (99%)
- Green (98%)
- Blue (100%)



- Red (99%)
- Yellow (98%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 253, 250, 254 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, 250, 254 by changing the saturation by 10% instead.

 253, 250, 254

 253, 250, 254

255, 255, 255


 224, 221, 225

 196, 194, 197

 169, 166, 170

 143, 140, 144

 117, 115, 118

 93, 90, 93

 69, 67, 70

 47, 45, 48


 26, 24, 27


 253, 250, 254


 253, 250, 254


 247, 225, 254

254, 255, 254

 240, 199, 254

 234, 174, 254

 228, 148, 254

 221, 123, 254

 215, 98, 254

 209, 72, 254

 202, 47, 254

 196, 21, 254

Harmonies

Analogous

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



250, 251, 255



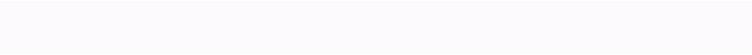
253, 250, 254



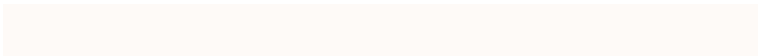
255, 250, 252

Triad

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



253, 250, 254



254, 252, 247



246, 249, 252

Complementary

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



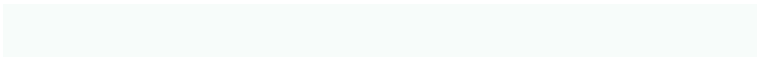
253, 250, 254



250, 254, 253

Split Complementary

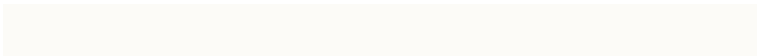
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247, 250, 252



253, 250, 254



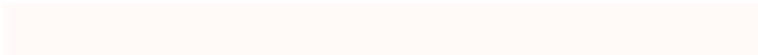
248, 252, 247

Square

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



253, 250, 254



255, 251, 248



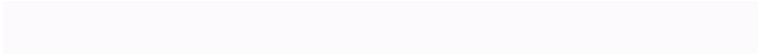
248, 252, 251



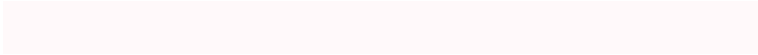
246, 249, 254

Rectangle

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



253, 250, 254



255, 249, 250



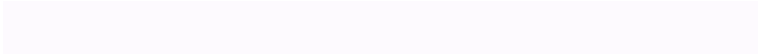
248, 252, 251



246, 249, 252

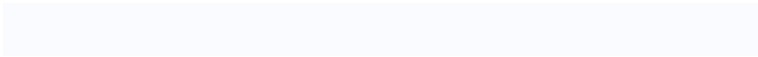
Sweetspot

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



253, 250, 254

255, 255, 255



250, 251, 254



128, 128, 128



0, 0, 0

Same Dimension

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



253, 250, 254



254, 250, 255



254, 250, 253



127, 125, 128



143, 0, 191



48, 0, 64

Inverse Universe

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



254, 250, 251



255, 250, 251



250, 253, 254



128, 125, 126



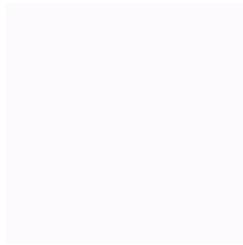
191, 0, 48



64, 0, 16

Previews

White Background



This preview shows how the RYB color 253, 250, 254 looks on a white background.

Color Contrast Check

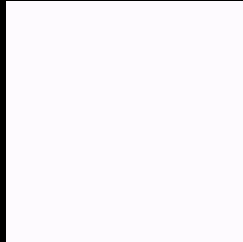
Large Text (above 18pt) WCAG AA × Fail

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, 250, 254 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, 250, 254 Background



This preview shows how black text looks on a background with the RYB color 253, 250, 254.



This preview shows how white text looks on a background with the RYB color 253, 250, 254.

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, 250, 254

Protanopia
254, 250, 254

Deuteranopia
255, 250, 252

Tritanopia
252, 250, 255

Trichromacy

Original Color

253, 250, 254

Protanomaly

254, 250, 254

Deuteranomaly

254, 250, 253

Tritanomaly

252, 250, 255

Monochromacy

Original Color

253, 250, 254

Achromatopsia

251, 251, 251

Achromatomaly

252, 251, 252

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 250, 254 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, 250, 254) looks like.

```
.text, #text, p{  
    color:rgb(253, 250, 254)  
}
```

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, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 250, 254) }
```

Border

The CSS property to change the border of an element to RYB 253, 250, 254 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, 250, 254) }
```

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

```
.border{ border-color:rgb(253, 250, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 250, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(253, 250,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 253, 250, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 250, 254) }
```

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

```
.background{ background-color: rgb(253,  
250, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor