

Converting Colors

`RYB(253, 239, 250)`

Have a look what the booklet for
RYB(253, 239, 250) contains.

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Color

R_YB(253, 239, 250)

Conversions

Conversions Part 1

Format	Color
Hex	FDEFFA
RGB	253, 239, 250
RGB Percent	99%, 94%, 98%
CMY	0.0078, 0.0627, 0.0196
CMYK	0.00, 0.06, 0.01, 0.01
HSL	313°, 78%, 96%
HSV	313°, 6%, 99%
XYZ	88.6298, 89.5178, 103.0498
YIQ	244.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

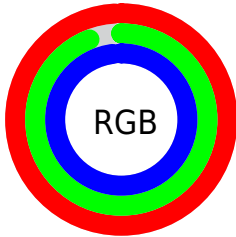
Format	Color
R _Y B	253, 239, 250
Decimal	16642042
CIE Lab	95.80, 6.60, -3.61
CIE LCh	96, 7.526, 331.332
Yxy	89.5178, 0.3152, 0.3183
Android (android.graphics.Color)	4294832122 (0xFFFDEFFA)
YUV	244.4400, 2.7411, 7.5071
Hunter-Lab	94.6138, 1.6363, 1.6532

Details

The RYB color **253, 239, 250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **239, 251, 253**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 183, 194** is the 20% darker color. If you saturate the color by 10%, you get **253, 214, 245**, and if you desaturate by 10%, it is **253, 254, 255**.

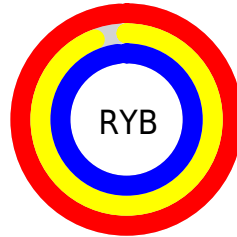
Distribution



Red (99%)

Green (94%)

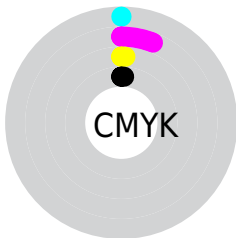
Blue (98%)



Red (99%)

Yellow (94%)

Blue (98%)

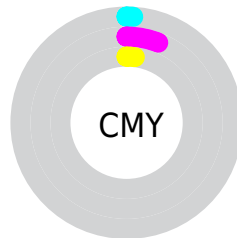


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (1%)



Cyan (1%)

Magenta (6%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 253, 239, 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 253, 239, 250 by changing the saturation by 10% instead.

 253, 239, 250

255, 255, 255

 253, 239, 250

 224, 211, 221

 196, 183, 194

 169, 156, 166


 143, 130, 140

 117, 105, 115

 92, 81, 90

 69, 58, 67

 46, 36, 45


 26, 15, 24


 253, 239, 250


 253, 239, 250


 253, 214, 245


253, 254, 255


 253, 188, 239


 253, 163, 234


 253, 138, 228

 253, 113, 223

 253, 87, 217

 253, 62, 212

 253, 37, 207

 253, 11, 201

Harmonies

Analogous

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



245, 241, 255



253, 239, 250



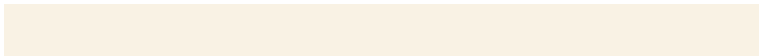
255, 238, 243

Triad

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



253, 239, 250



239, 249, 228



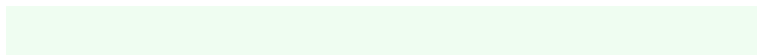
225, 237, 250

Complementary

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



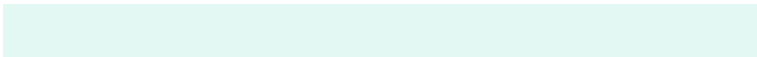
253, 239, 250



239, 251, 253

Split Complementary

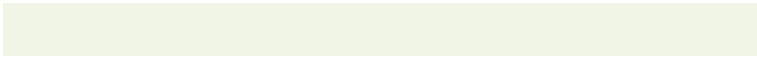
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227, 238, 247



253, 239, 250



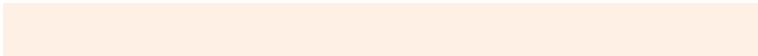
230, 245, 234

Square

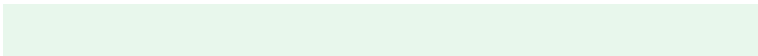
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



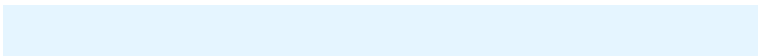
253, 239, 250



255, 247, 230



232, 244, 247



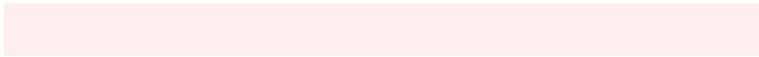
229, 239, 255

Rectangle

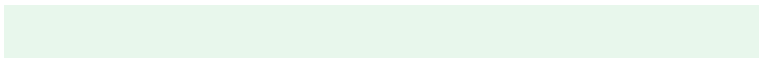
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



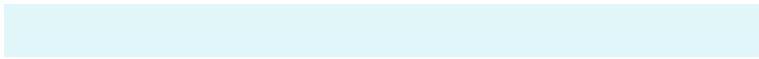
253, 239, 250



255, 238, 238



232, 244, 247



225, 236, 248

Sweetspot

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



253, 239, 250



255, 250, 254



242, 239, 253



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

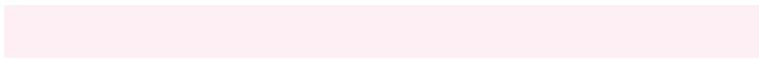
The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 239, 250



255, 237, 251



253, 239, 243



128, 117, 125



191, 0, 150



64, 0, 50

Inverse Universe

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



253, 239, 250



255, 237, 251



239, 247, 253



128, 117, 125



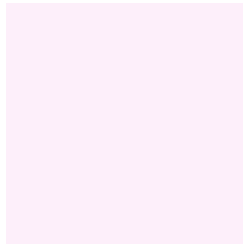
191, 0, 150



64, 0, 50

Previews

White Background



This preview shows how the RYB color 253, 239, 250 looks on a white background.

Color Contrast Check

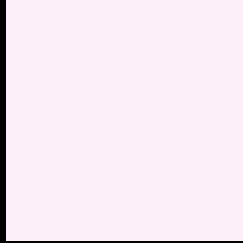
Large Text (above 18pt) WCAG AA × Fail

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 253, 239, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

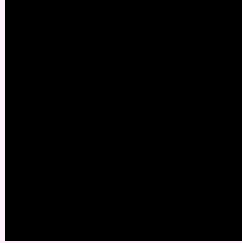
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

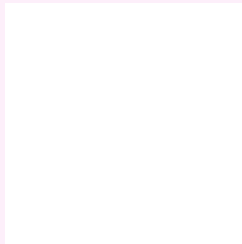
Any Text WCAG AAA ✓ Pass

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

RYB 253, 239, 250 Background



This preview shows how black text looks on a background with the RYB color 253, 239, 250.



This preview shows how white text looks on a background with the RYB color 253, 239, 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
253, 239, 250

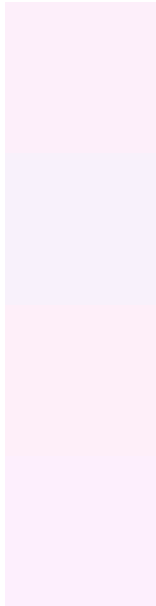
Protanopia
245, 242, 252

Deuteranopia
255, 239, 248



Tritanopia
253, 239, 255

Trichromacy



Original Color

253, 239, 250

Protanomaly

248, 241, 251

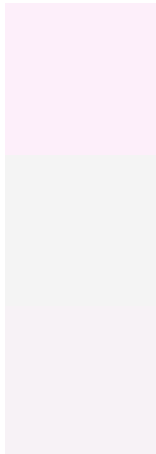
Deuteranomaly

254, 239, 249

Tritanomaly

253, 239, 253

Monochromacy



Original Color

253, 239, 250

Achromatopsia

244, 244, 244

Achromatomaly

247, 242, 246

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 239, 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(253, 239, 250) looks like.

```
.text, #text, p{  
    color:rgb(253, 239, 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(253, 239, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 239, 250) }
```

Border

The CSS property to change the border of an element to RYB 253, 239, 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(253, 239, 250) }
```

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

```
.border{ border-color:rgb(253, 239, 250) }
```

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

Here you see how a box with a 4 pixel rgb(253, 239, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 239, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 239, 250);  
box-shadow:4px 4px 4px 4px rgb(253, 239,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 253, 239, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 239, 250) }
```

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

```
.background{ background-color: rgb(253,  
239, 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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