

Converting Colors

`RYB(247, 238, 249)`

Have a look what the booklet for RYB(247, 238, 249) contains.

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Color

R_YB(247, 238, 249)

Conversions

Conversions Part 1

Format	Color
Hex	F7EEF9
RGB	247, 238, 249
RGB Percent	97%, 93%, 98%
CMY	0.0314, 0.0667, 0.0235
CMYK	0.01, 0.04, 0.00, 0.02
HSL	289°, 48%, 95%
HSV	289°, 4%, 98%
XYZ	86.0312, 87.7628, 102.0281
YIQ	241.9450, 1.8330, 5.3290

Conversions

Conversions Part 2

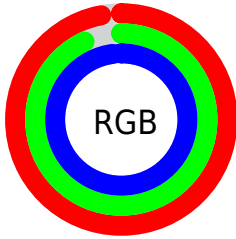
Format	Color
R _Y B	247, 238, 249
Decimal	16248569
CIE Lab	95.06, 4.95, -4.23
CIE LCh	95, 6.511, 319.512
Yxy	87.7628, 0.3119, 0.3182
Android (android.graphics.Color)	4294438649 (0xFF7EEF9)
YUV	241.9450, 3.4781, 4.4332
Hunter-Lab	93.6818, -0.0205, 1.0050

Details

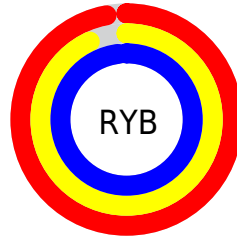
The RYB color `247, 238, 249` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `238, 249, 247`, and the grayscale version is `242, 242, 242`.

A 20% lighter version of the original color is `255, 255, 255`, and `191, 182, 193` is the 20% darker color. If you saturate the color by 10%, you get `242, 213, 249`, and if you desaturate by 10%, it is `249, 255, 252`.

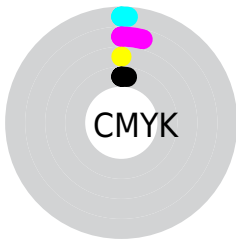
Distribution



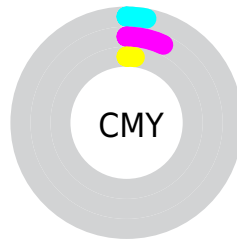
- Red (97%)
- Green (93%)
- Blue (98%)



- Red (97%)
- Yellow (93%)
- Blue (98%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 238, 249 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 247, 238, 249 by changing the saturation by 10% instead.


 247, 238, 249


 247, 238, 249

255, 255, 255

 219, 210, 220


 191, 182, 193

 164, 155, 165

 137, 129, 139

 112, 104, 114

 87, 80, 89

 64, 57, 66

 42, 36, 44

 22, 14, 23

 247, 238, 249

 247, 238, 249


 242, 213, 249


 249, 255, 252

 238, 188, 249

 249, 255, 249


 233, 163, 249


 229, 138, 249

 224, 114, 249

 220, 89, 249

 215, 64, 249

 211, 39, 249

 206, 14, 249

Harmonies

Analogous

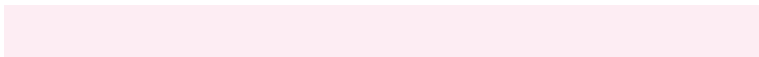
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 240, 253



247, 238, 249



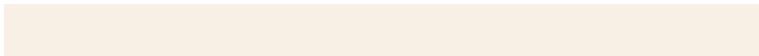
253, 237, 243

Triad

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



247, 238, 249



245, 249, 229



226, 236, 245

Complementary

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



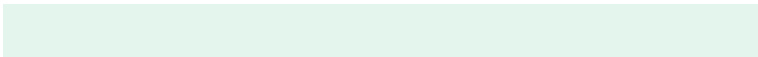
247, 238, 249



238, 249, 247

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.



228, 239, 245



247, 238, 249



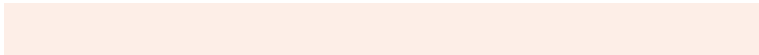
229, 242, 229

Square

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



247, 238, 249



253, 241, 231



232, 243, 241



227, 237, 250

Rectangle

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



247, 238, 249



255, 237, 239



232, 243, 241



226, 236, 245

Sweetspot

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



247, 238, 249



255, 252, 255



238, 240, 249



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



247, 238, 249



253, 242, 255



249, 238, 246



124, 117, 125



154, 0, 189



50, 0, 61

Inverse Universe

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



249, 238, 240



255, 242, 245



238, 247, 249



125, 117, 119



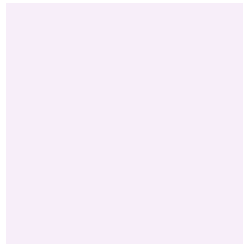
189, 0, 34



61, 0, 11

Previews

White Background



This preview shows how the RYB color 247, 238, 249 looks on a white background.

Color Contrast Check

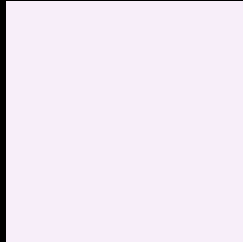
Large Text (above 18pt) WCAG AA × Fail

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 247, 238, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

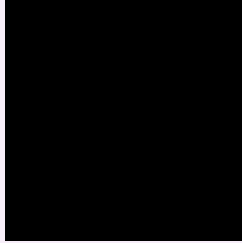
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

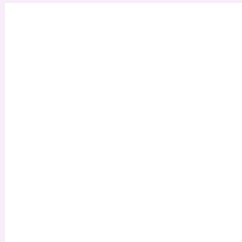
Any Text WCAG AAA ✓ Pass

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

RYB 247, 238, 249 Background



This preview shows how black text looks on a background with the RYB color 247, 238, 249.

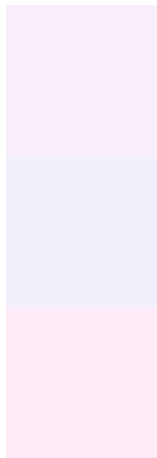


This preview shows how white text looks on a background with the RYB color 247, 238, 249.

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
247, 238, 249

Protanopia
242, 239, 250

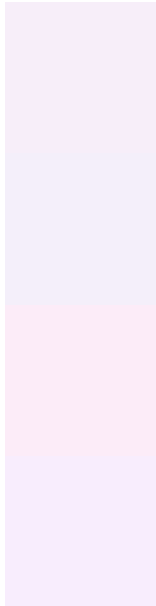
Deuteranopia
255, 235, 248



Tritanopia

248, 237, 255

Trichromacy



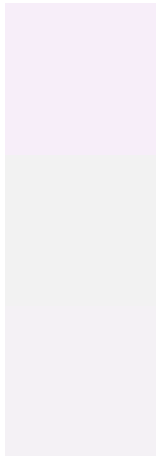
Original Color
247, 238, 249

Protanomaly
244, 239, 250

Deuteranomaly
252, 236, 248

Tritanomaly
248, 237, 253

Monochromacy



Original Color
247, 238, 249

Achromatopsia
242, 242, 242

Achromatomaly
244, 241, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 238, 249 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(247, 238, 249) looks like.

```
.text, #text, p{  
    color:rgb(247, 238, 249)  
}
```

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(247, 238, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 238, 249) }
```

Border

The CSS property to change the border of an element to RYB 247, 238, 249 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(247, 238, 249) }
```

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

```
.border{ border-color:rgb(247, 238, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 238, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 238, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 238, 249);  
box-shadow:4px 4px 4px 4px rgb(247, 238,  
249) }
```

Background

The CSS property to change the background color of an element to RYB 247, 238, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 238, 249) }
```

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

```
.background{ background-color: rgb(247,  
238, 249) }
```

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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