

Converting Colors

`RYB(251, 240, 246)`

Have a look what the booklet for RYB(251, 240, 246) contains.

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Color

R_YB(251, 240, 246)

Conversions

Conversions Part 1

Format	Color
Hex	FBF0F6
RGB	251, 240, 246
RGB Percent	98%, 94%, 96%
CMY	0.0157, 0.0588, 0.0353
CMYK	0.00, 0.04, 0.02, 0.02
HSL	327°, 58%, 96%
HSV	327°, 4%, 98%
XYZ	87.5783, 89.4832, 99.8449
YIQ	243.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

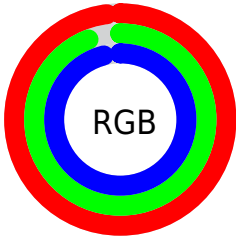
Format	Color
R _Y B	251, 240, 246
Decimal	16511222
CIE Lab	95.78, 4.73, -1.58
CIE LCh	96, 4.982, 341.535
Yxy	89.4832, 0.3163, 0.3232
Android (android.graphics.Color)	4294701302 (0xFFFBF0F6)
YUV	243.9730, 0.9993, 6.1627
Hunter-Lab	94.5956, -0.2837, 3.6368

Details

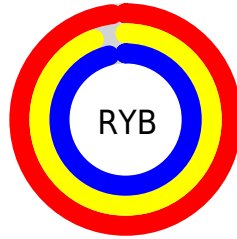
The RYB color **251, 240, 246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **240, 248, 251**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **194, 184, 190** is the 20% darker color. If you saturate the color by 10%, you get **251, 215, 235**, and if you desaturate by 10%, it is **251, 253, 255**.

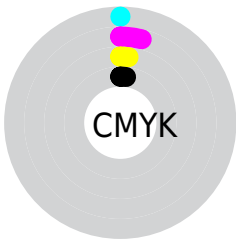
Distribution



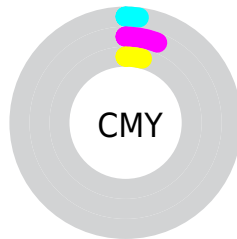
- Red (98%)
- Green (94%)
- Blue (96%)



- Red (98%)
- Yellow (94%)
- Blue (96%)



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



- Cyan (2%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 240, 246 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 251, 240, 246 by changing the saturation by 10% instead.

 251, 240, 246


255, 255, 255

 251, 240, 246


 222, 212, 218

 194, 184, 190

 167, 157, 163

 141, 131, 136

 115, 106, 111

 91, 82, 87

 67, 59, 64

 45, 37, 42


 25, 16, 21


 251, 240, 246


 251, 240, 246


 251, 215, 235


 251, 253, 255


 251, 190, 223


 251, 165, 212


 251, 140, 200

 251, 115, 189

 251, 89, 178

 251, 64, 166

 251, 39, 155

 251, 14, 143

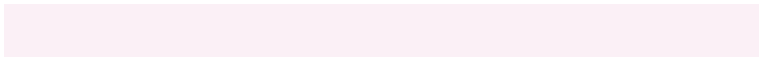
Harmonies

Analogous

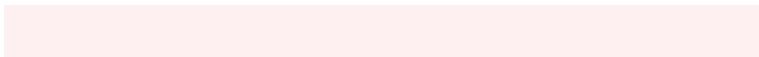
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246, 241, 250



251, 240, 246



254, 240, 241

Triad

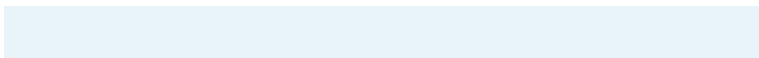
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



251, 240, 246



235, 245, 233



232, 239, 249

Complementary

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



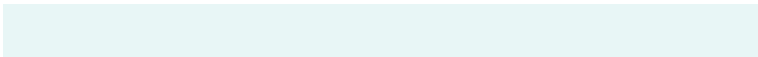
251, 240, 246



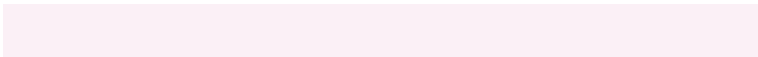
240, 248, 251

Split Complementary

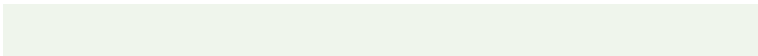
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232, 239, 246



251, 240, 246



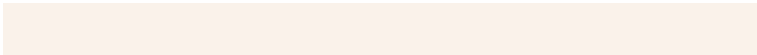
236, 245, 242

Square

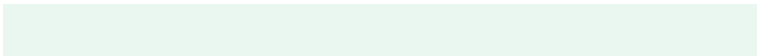
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



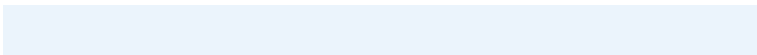
251, 240, 246



250, 250, 234



234, 242, 246



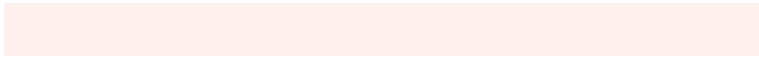
235, 241, 252

Rectangle

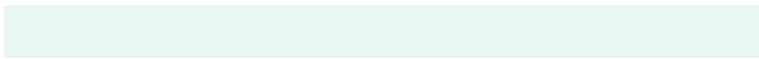
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



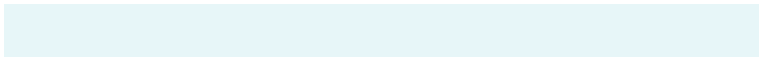
251, 240, 246



254, 240, 238



234, 242, 246



231, 239, 248

Sweetspot

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



251, 240, 246



255, 252, 254



245, 240, 251



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

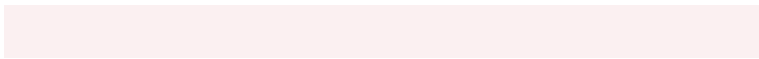
The Same Dimension uses a secret algorithm to generate beautiful new colors.



251, 240, 246



255, 242, 249



251, 240, 241



125, 117, 122



189, 0, 103



61, 0, 33

Inverse Universe

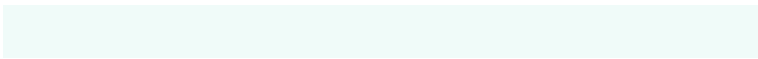
The Inverse Universe completely reimagines the original color for something new.



251, 240, 246



255, 242, 249



240, 246, 251



125, 117, 122



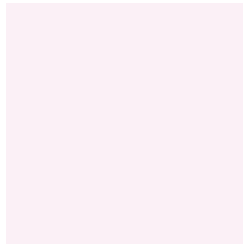
189, 0, 103



61, 0, 33

Previews

White Background



This preview shows how the RYB color 251, 240, 246 looks on a white background.

Color Contrast Check

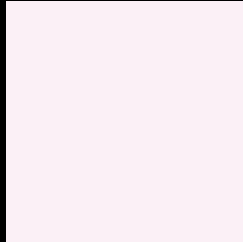
Large Text (above 18pt) WCAG AA × Fail

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 251, 240, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

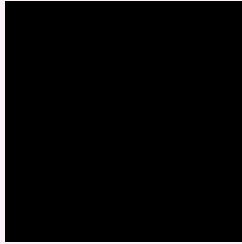
Any Text WCAG AA ✓ Pass

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 251, 240, 246 Background



This preview shows how black text looks on a background with the RYB color 251, 240, 246.

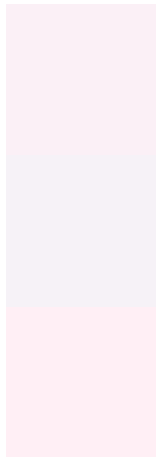


This preview shows how white text looks on a background with the RYB color 251, 240, 246.

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
251, 240, 246

Protanopia
246, 242, 247

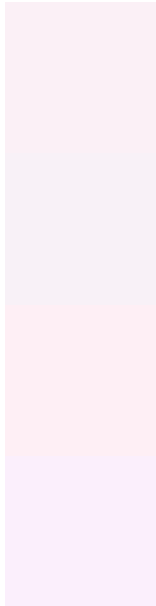
Deuteranopia
255, 239, 245



Tritanopia

251, 239, 255

Trichromacy



Original Color

251, 240, 246

Protanomaly

248, 241, 247

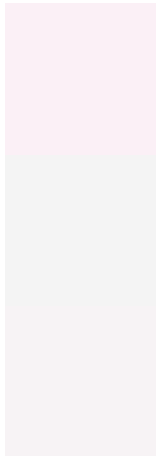
Deuteranomaly

254, 239, 245

Tritanomaly

251, 239, 252

Monochromacy



Original Color

251, 240, 246

Achromatopsia

244, 244, 244

Achromatomaly

247, 243, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 240, 246 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(251, 240, 246) looks like.

```
.text, #text, p{  
    color:rgb(251, 240, 246)  
}
```

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(251, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 240, 246) }
```

Border

The CSS property to change the border of an element to RYB 251, 240, 246 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(251, 240, 246) }
```

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

```
.border{ border-color:rgb(251, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(251, 240,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 251, 240, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 240, 246) }
```

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

```
.background{ background-color: rgb(251,  
240, 246) }
```

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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