

Converting Colors

`RYB(255, 237, 246)`

Have a look what the booklet for RYB(255, 237, 246) contains.

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Color

R_YB(255, 237, 246)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDF6
RGB	255, 237, 246
RGB Percent	100%, 93%, 96%
CMY	0.0000, 0.0706, 0.0353
CMYK	0.00, 0.07, 0.04, 0.00
HSL	330°, 100%, 96%
HSV	330°, 7%, 100%
XYZ	88.1587, 88.4822, 99.6211
YIQ	243.4080, 7.8390, 6.6150

Conversions

Conversions Part 2

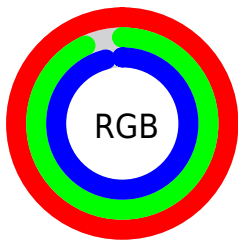
Format	Color
R _{YB}	255, 237, 246
Decimal	16772598
CIE Lab	95.36, 7.60, -2.15
CIE LCh	95, 7.901, 344.179
Yxy	88.4822, 0.3191, 0.3203
Android (android.graphics.Color)	4294962678 (0xFFFFEDF6)
YUV	243.4080, 1.2779, 10.1662
Hunter-Lab	94.0650, 2.6785, 3.0534

Details

The RYB color **255, 237, 246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **237, 249, 255**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 181, 190** is the 20% darker color. If you saturate the color by 10%, you get **255, 212, 233**, and if you desaturate by 10%, it is **255, 255, 255**.

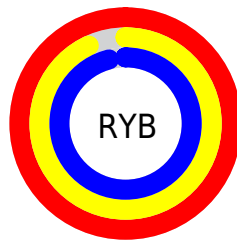
Distribution



Red (100%)

Green (93%)

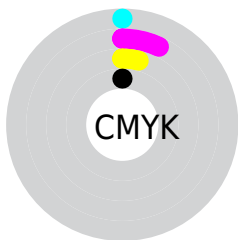
Blue (96%)



Red (100%)

Yellow (93%)

Blue (96%)

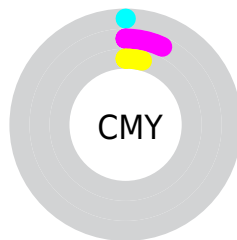


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 237, 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 255, 237, 246 by changing the saturation by 10% instead.


 255, 237, 246

255, 255, 255

 255, 237, 246

 226, 209, 218

 198, 181, 190


 171, 154, 163

 144, 128, 136

 119, 103, 111

 94, 79, 87

 70, 56, 64

 48, 35, 42


 27, 13, 21

 255, 237, 246


 255, 237, 246

 255, 212, 233

255, 255, 255


 255, 186, 221


 255, 161, 208

 255, 135, 195

 255, 110, 182

 255, 84, 170

 255, 58, 157

 255, 33, 144

 255, 8, 131

Harmonies

Analogous

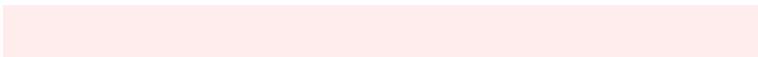
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 239, 253



255, 237, 246



255, 237, 238

Triad

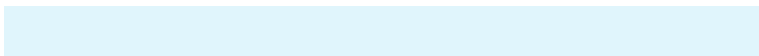
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 237, 246



229, 244, 227



224, 236, 252

Complementary

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



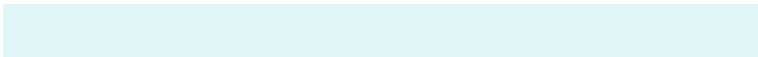
255, 237, 246



237, 249, 255

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.



224, 235, 246



255, 237, 246



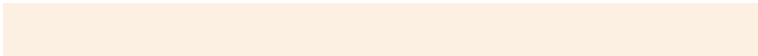
231, 245, 241

Square

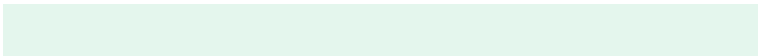
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



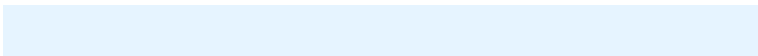
255, 237, 246



250, 252, 227



228, 240, 246



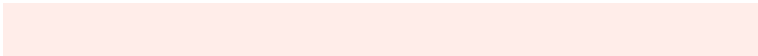
230, 239, 255

Rectangle

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



255, 237, 246



255, 238, 233



228, 240, 246



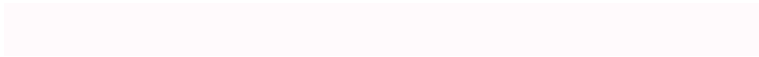
223, 235, 250

Sweetspot

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



255, 237, 246



255, 250, 252



246, 237, 255



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

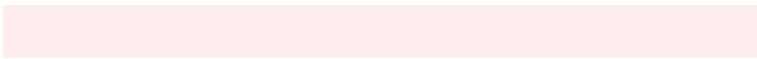
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 237, 246



255, 235, 245



255, 237, 237



128, 115, 121



191, 0, 96



64, 0, 32

Inverse Universe

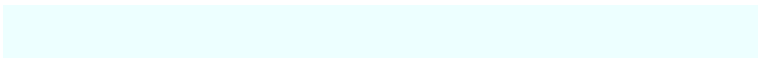
The Inverse Universe completely reimagines the original color for something new.



255, 237, 246



255, 235, 245



237, 246, 255



128, 115, 121



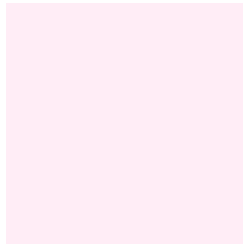
191, 0, 96



64, 0, 32

Previews

White Background



This preview shows how the RYB color 255, 237, 246 looks on a white background.

Color Contrast Check

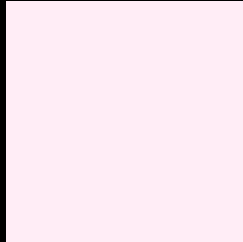
Large Text (above 18pt) WCAG AA × Fail

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 255, 237, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

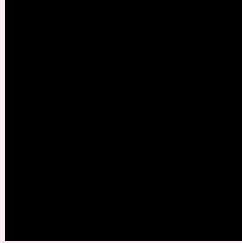
Any Text WCAG AA ✓ Pass

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 255, 237, 246 Background



This preview shows how black text looks on a background with the RYB color 255, 237, 246.

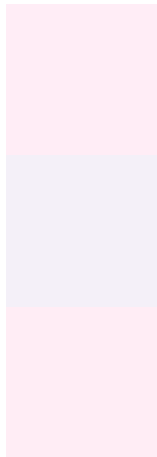


This preview shows how white text looks on a background with the RYB color 255, 237, 246.

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
255, 237, 246

Protanopia
244, 240, 248

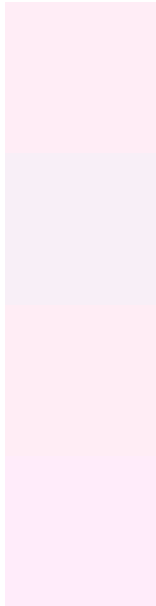
Deuteranopia
255, 237, 245



Tritanopia

255, 236, 253

Trichromacy



Original Color

255, 237, 246

Protanomaly

248, 239, 247

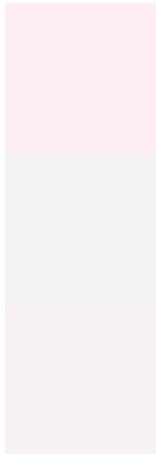
Deuteranomaly

255, 237, 245

Tritanomaly

255, 236, 250

Monochromacy



Original Color

255, 237, 246

Achromatopsia

243, 243, 243

Achromatomaly

247, 241, 244

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 237, 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(255, 237, 246) looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 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(255, 237, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 246) }
```

Border

The CSS property to change the border of an element to RYB 255, 237, 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(255, 237, 246) }
```

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

```
.border{ border-color:rgb(255, 237, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 255, 237, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 246) }
```

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

```
.background{ background-color: rgb(255,  
237, 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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