

Converting Colors

`RYB(252, 245, 255)`

Have a look what the booklet for
RYB(252, 245, 255) contains.

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Color

R_YB(252, 245, 255)

Conversions

Conversions Part 1

Format	Color
Hex	FCF5FF
RGB	252, 245, 255
RGB Percent	99%, 96%, 100%
CMY	0.0118, 0.0392, 0.0000
CMYK	0.01, 0.04, 0.00, 0.00
HSL	282°, 100%, 98%
HSV	282°, 4%, 100%
XYZ	90.8473, 93.2203, 107.8129
YIQ	248.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

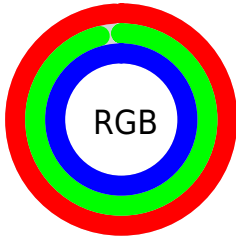
Format	Color
R _Y B	252, 245, 255
Decimal	16578047
CIE Lab	97.32, 4.09, -3.97
CIE LCh	97, 5.699, 315.860
Yxy	93.2203, 0.3112, 0.3194
Android (android.graphics.Color)	4294768127 (0xFFFCF5FF)
YUV	248.2330, 3.3361, 3.3037
Hunter-Lab	96.5506, -1.0078, 1.3795

Details

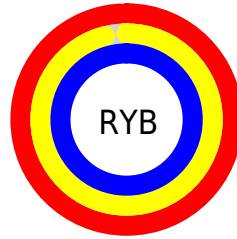
The RYB color 252, 245, 255 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245, 255, 252, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 195, 189, 198 is the 20% darker color. If you saturate the color by 10%, you get 244, 220, 255, and if you desaturate by 10%, it is 255, 255, 255.

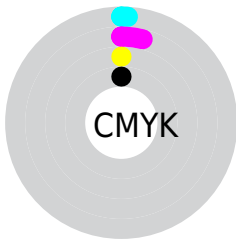
Distribution



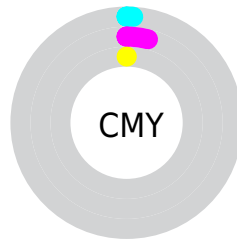
- Red (99%)
- Green (96%)
- Blue (100%)



- Red (99%)
- Yellow (96%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 245, 255 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 252, 245, 255 by changing the saturation by 10% instead.

 252, 245, 255


255, 255, 255

 252, 245, 255

 223, 217, 226

 195, 189, 198

 168, 162, 171

 142, 136, 145

 116, 110, 119

 92, 86, 94

 68, 63, 71

 46, 41, 48


 25, 21, 27


 252, 245, 255


 252, 245, 255


 244, 220, 255

255, 255, 255


 237, 194, 255


 229, 169, 255


 221, 143, 255

 214, 118, 255

 206, 92, 255

 198, 66, 255

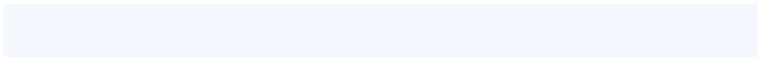
 191, 41, 255

 183, 16, 255

Harmonies

Analogous

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



245, 247, 255



252, 245, 255



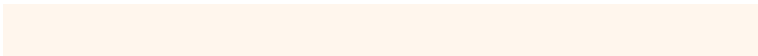
255, 244, 250

Triad

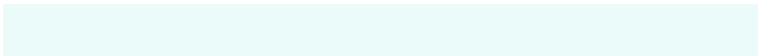
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 245, 255



255, 255, 237



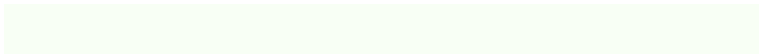
234, 243, 251

Complementary

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



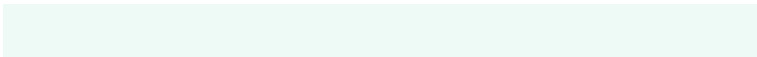
252, 245, 255



245, 255, 252

Split Complementary

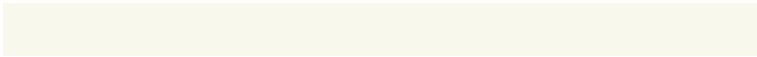
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237, 245, 250



252, 245, 255



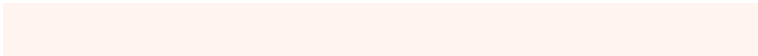
238, 249, 237

Square

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



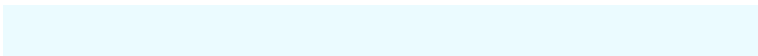
252, 245, 255



255, 245, 240



239, 249, 246



235, 244, 255

Rectangle

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



252, 245, 255



255, 244, 246



239, 249, 246



235, 244, 251

Sweetspot

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



252, 245, 255



254, 252, 255



245, 247, 255



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



252, 245, 255



251, 242, 255



255, 245, 253



125, 120, 128



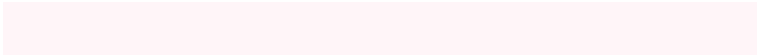
134, 0, 191



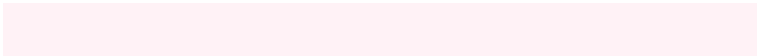
45, 0, 64

Inverse Universe

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



255, 245, 248



255, 242, 246



245, 253, 255



128, 120, 122



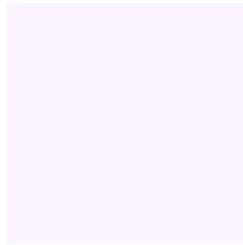
191, 0, 57



64, 0, 19

Previews

White Background



This preview shows how the RGB color 252, 245, 255 looks on a white background.

Color Contrast Check

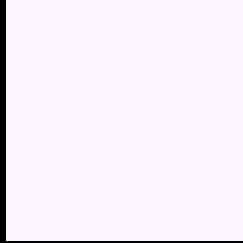
Large Text (above 18pt) WCAG AA × Fail

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 252, 245, 255 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 252, 245, 255 Background



This preview shows how black text looks on a background with the RYB color 252, 245, 255.



This preview shows how white text looks on a background with the RYB color 252, 245, 255.

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
252, 245, 255

Protanopia
249, 246, 255

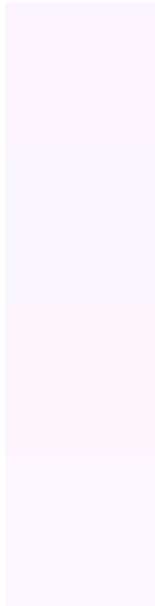
Deuteranopia
255, 244, 251



Tritanopia

250, 246, 255

Trichromacy



Original Color

252, 245, 255

Protanomaly

250, 246, 255

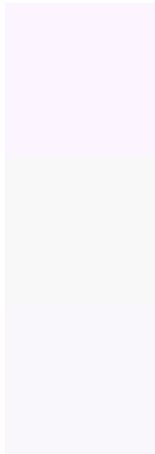
Deuteranomaly

254, 244, 252

Tritanomaly

251, 246, 255

Monochromacy



Original Color

252, 245, 255

Achromatopsia

248, 248, 248

Achromatomaly

249, 247, 251

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 245, 255 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(252, 245, 255) looks like.

```
.text, #text, p{  
    color:rgb(252, 245, 255)  
}
```

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(252, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 245, 255) }
```

Border

The CSS property to change the border of an element to RYB 252, 245, 255 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(252, 245, 255) }
```

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

```
.border{ border-color:rgb(252, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 245,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 252, 245, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 245, 255) }
```

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

```
.background{ background-color: rgb(252,  
245, 255) }
```

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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