

Converting Colors

`RYB(244, 242, 255)`

Have a look what the booklet for RYB(244, 242, 255) contains.

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Color

R_YB(244, 242, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F4F2FF
RGB	244, 242, 255
RGB Percent	96%, 95%, 100%
CMY	0.0431, 0.0510, 0.0000
CMYK	0.04, 0.05, 0.00, 0.00
HSL	249°, 100%, 97%
HSV	249°, 5%, 100%
XYZ	87.1104, 89.9574, 107.3800
YIQ	244.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

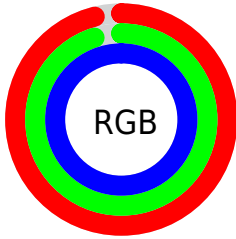
Format	Color
R_{YB}	244, 242, 255
Decimal	16052991
CIE _{Lab}	95.98, 3.01, -6.01
CIE _{LCh}	96, 6.719, 296.596
Yxy	89.9574, 0.3062, 0.3163
Android (android.graphics.Color)	4294243071 (0xFFFF4F2FF)
YUV	244.0800, 5.3836, -0.0702
Hunter-Lab	94.8459, -2.0385, -0.7333

Details

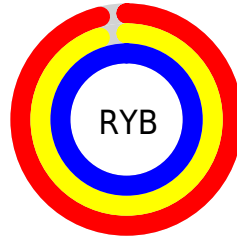
The RYB color `244, 242, 255` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `242, 255, 244`, and the grayscale version is `244, 244, 244`.

A 20% lighter version of the original color is `255, 255, 255`, and `188, 186, 198` is the 20% darker color. If you saturate the color by 10%, you get `222, 217, 255`, and if you desaturate by 10%, it is `255, 255, 255`.

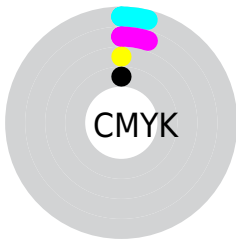
Distribution



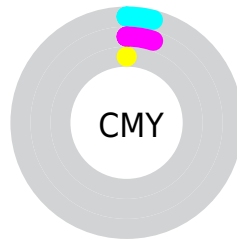
- Red (96%)
- Green (95%)
- Blue (100%)



- Red (96%)
- Yellow (95%)
- Blue (100%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 242, 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 244, 242, 255 by changing the saturation by 10% instead.

244, 242, 255

255, 255, 255

244, 242, 255

216, 214, 226

188, 186, 198

161, 159, 171

135, 133, 145

109, 108, 119

85, 83, 94

62, 60, 71

40, 39, 48

20, 18, 27

244, 242, 255

244, 242, 255

222, 217, 255

255, 255, 255

201, 191, 255

179, 165, 255

158, 140, 255

136, 114, 255

115, 89, 255

93, 63, 255

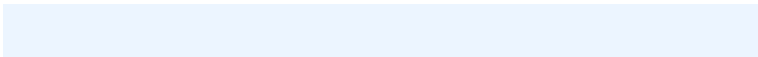
71, 38, 255

50, 12, 255

Harmonies

Analogous

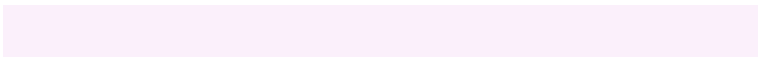
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236, 242, 255



244, 242, 255



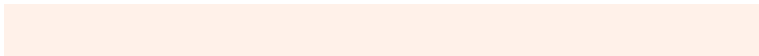
251, 240, 251

Triad

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



244, 242, 255



255, 246, 233



230, 240, 247

Complementary

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



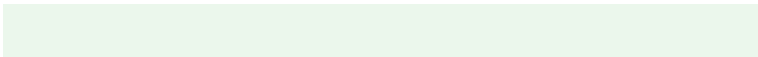
244, 242, 255



242, 255, 244

Split Complementary

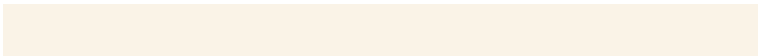
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235, 246, 247



244, 242, 255



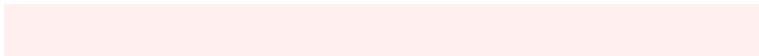
242, 250, 231

Square

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



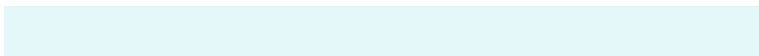
244, 242, 255



255, 239, 238



232, 245, 234



228, 238, 249

Rectangle

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



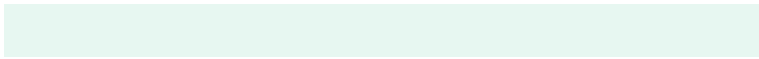
244, 242, 255



255, 239, 247



232, 245, 234



231, 241, 247

Sweetspot

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



244, 242, 255



251, 250, 255



242, 248, 255



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



244, 242, 255



242, 240, 255



250, 242, 255



120, 119, 128



29, 0, 191



10, 0, 64

Inverse Universe

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



255, 242, 253



255, 240, 253



242, 255, 250



128, 119, 126



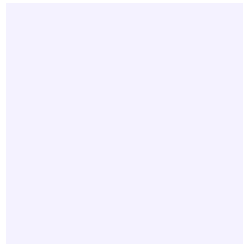
191, 0, 162



64, 0, 54

Previews

White Background



This preview shows how the RYB color 244, 242, 255 looks on a white background.

Color Contrast Check

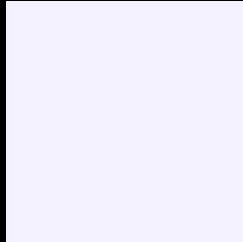
Large Text (above 18pt) WCAG AA × Fail

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 244, 242, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

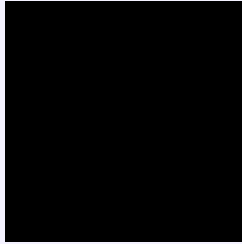
Any Text WCAG AA ✓ Pass

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 244, 242, 255 Background



This preview shows how black text looks on a background with the RYB color 244, 242, 255.

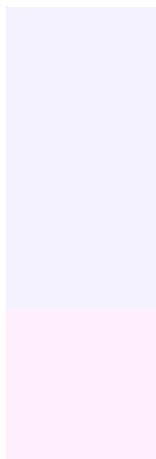


This preview shows how white text looks on a background with the RYB color 244, 242, 255.

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

244, 242, 255

Protanopia

244, 242, 255

Deuteranopia

255, 239, 252



Tritanopia

244, 242, 255

Trichromacy



Original Color

244, 242, 255

Protanomaly

244, 242, 255

Deuteranomaly

251, 240, 253

Tritanomaly

244, 242, 255

Monochromacy



Original Color

244, 242, 255

Achromatopsia

244, 244, 244

Achromatomaly

244, 243, 248

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 242, 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(244, 242, 255) looks like.

```
.text, #text, p{  
    color:rgb(244, 242, 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(244, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 242, 255) }
```

Border

The CSS property to change the border of an element to RYB 244, 242, 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(244, 242, 255) }
```

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

```
.border{ border-color:rgb(244, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 242,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 244, 242, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 242, 255) }
```

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

```
.background{ background-color: rgb(244,  
242, 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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