

Converting Colors

`RYB(242, 238, 247)`

Have a look what the booklet for RYB(242, 238, 247) contains.

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Color

R_YB(242, 238, 247)

Conversions

Conversions Part 1

Format	Color
Hex	F2EEF7
RGB	242, 238, 247
RGB Percent	95%, 93%, 97%
CMY	0.0510, 0.0667, 0.0314
CMYK	0.02, 0.04, 0.00, 0.03
HSL	267°, 36%, 95%
HSV	267°, 4%, 97%
XYZ	83.9810, 86.7417, 100.3122
YIQ	240.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

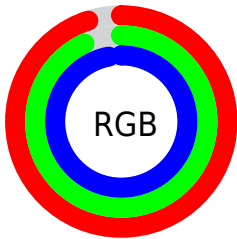
Format	Color
R _{YB}	242, 238, 247
Decimal	15920887
CIE Lab	94.63, 2.94, -3.87
CIE LCh	95, 4.861, 307.250
Yxy	86.7417, 0.3099, 0.3200
Android (android.graphics.Color)	4294110967 (0xFF2EEF7)
YUV	240.2220, 3.3416, 1.5593
Hunter-Lab	93.1352, -2.0314, 1.3358

Details

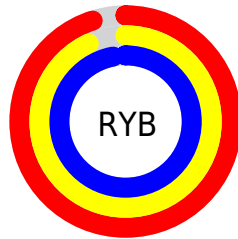
The RYB color `242, 238, 247` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `238, 247, 242`, and the grayscale version is `240, 240, 240`.

A 20% lighter version of the original color is `255, 255, 255`, and `186, 182, 191` is the 20% darker color. If you saturate the color by 10%, you get `228, 213, 247`, and if you desaturate by 10%, it is `247, 255, 247`.

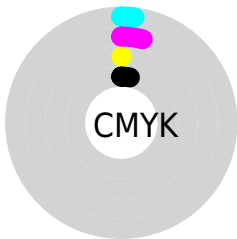
Distribution



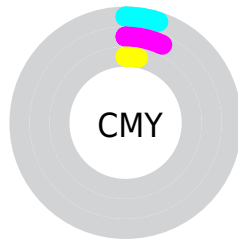
- Red (95%)
- Green (93%)
- Blue (97%)



- Red (95%)
- Yellow (93%)
- Blue (97%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (5%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 238, 247 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 242, 238, 247 by changing the saturation by 10% instead.

■ 242, 238, 247

255, 255, 255

■ 242, 238, 247

■ 214, 210, 219

■ 186, 182, 191

■ 159, 155, 164

■ 133, 129, 137

■ 108, 104, 112

■ 83, 80, 88

■ 60, 57, 64

■ 39, 36, 42

■ 18, 14, 22

242, 238, 247

242, 238, 247

228, 213, 247

247, 255, 247

215, 189, 247

201, 164, 247

187, 139, 247

173, 115, 247

160, 90, 247

146, 65, 247

132, 40, 247

118, 16, 247

Harmonies

Analogous

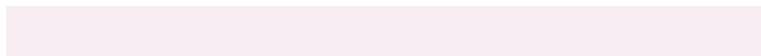
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236, 239, 249



242, 238, 247



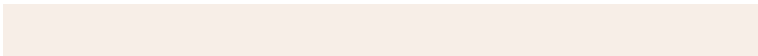
247, 237, 243

Triad

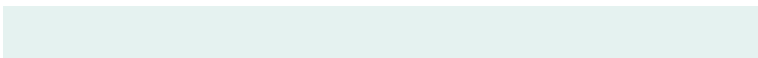
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242, 238, 247



247, 243, 231



229, 236, 242

Complementary

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



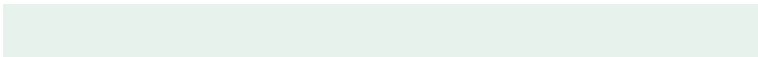
242, 238, 247



238, 247, 242

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, 242



242, 238, 247



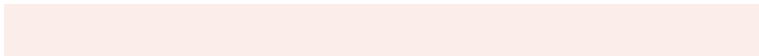
232, 242, 230

Square

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



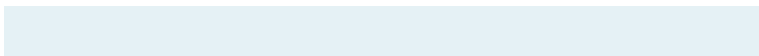
242, 238, 247



250, 238, 234



232, 241, 236



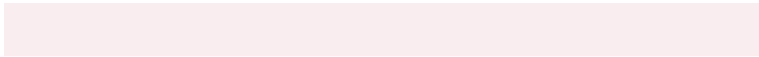
229, 236, 245

Rectangle

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



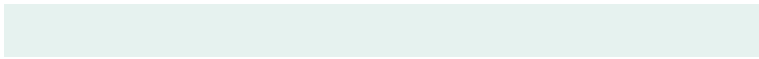
242, 238, 247



249, 237, 240



232, 241, 236



230, 237, 242

Sweetspot

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



242, 238, 247



254, 252, 255



238, 241, 247



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



242, 238, 247



249, 245, 255



246, 238, 247



119, 116, 122



83, 0, 186



26, 0, 59

Inverse Universe

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



247, 238, 243



255, 245, 250



238, 247, 246



122, 116, 120



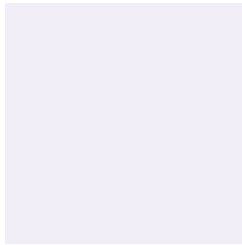
186, 0, 103



59, 0, 33

Previews

White Background



This preview shows how the RYB color 242, 238, 247 looks on a white background.

Color Contrast Check

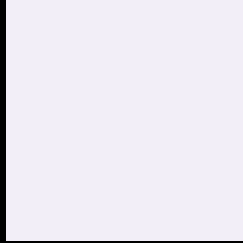
Large Text (above 18pt) WCAG AA × Fail

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 242, 238, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

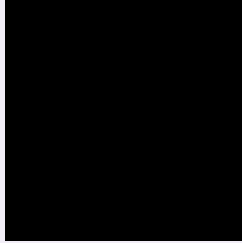
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

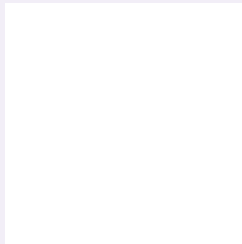
Any Text WCAG AAA ✓ Pass

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

RYB 242, 238, 247 Background



This preview shows how black text looks on a background with the RYB color 242, 238, 247.

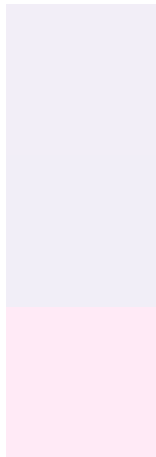


This preview shows how white text looks on a background with the RYB color 242, 238, 247.

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
242, 238, 247

Protanopia
241, 238, 247

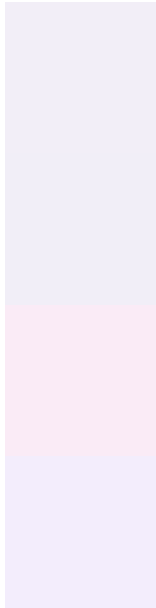
Deuteranopia
255, 234, 246



Tritanopia

243, 237, 255

Trichromacy



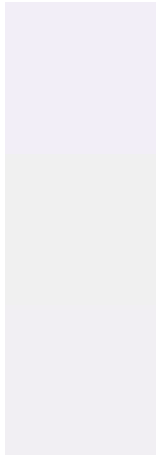
Original Color
242, 238, 247

Protanomaly
241, 238, 247

Deuteranomaly
250, 235, 246

Tritanomaly
243, 237, 252

Monochromacy



Original Color
242, 238, 247

Achromatopsia
240, 240, 240

Achromatomaly
241, 239, 243

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 238, 247 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(242, 238, 247) looks like.

```
.text, #text, p{  
    color:rgb(242, 238, 247)  
}
```

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(242, 238, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 238, 247) }
```

Border

The CSS property to change the border of an element to RYB 242, 238, 247 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(242, 238, 247) }
```

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

```
.border{ border-color:rgb(242, 238, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 238, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 238, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 238, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 238,  
247) }
```

Background

The CSS property to change the background color of an element to RYB 242, 238, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 238, 247) }
```

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

```
.background{ background-color: rgb(242,  
238, 247) }
```

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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