

Converting Colors

`RYB(246, 237, 252)`

Have a look what the booklet for
RYB(246, 237, 252) contains.

RYB(246, 237, 252)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(246, 237, 252)

Conversions

Conversions Part 1

Format	Color
Hex	F6EDFC
RGB	246, 237, 252
RGB Percent	96%, 93%, 99%
CMY	0.0353, 0.0706, 0.0118
CMYK	0.02, 0.06, 0.00, 0.01
HSL	276°, 71%, 96%
HSV	276°, 6%, 99%
XYZ	85.8609, 87.1895, 104.3994
YIQ	241.4010, 0.5490, 6.5730

Conversions

Conversions Part 2

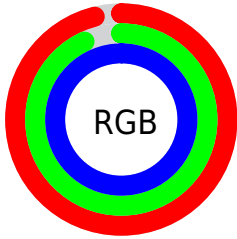
Format	Color
R_{YB}	246, 237, 252
Decimal	16182780
CIE _{Lab}	94.82, 5.68, -6.15
CIE _{LCh}	95, 8.369, 312.711
Yxy	87.1895, 0.3095, 0.3143
Android (android.graphics.Color)	4294372860 (0xFFFF6EDFC)
YUV	241.4010, 5.2253, 4.0333
Hunter-Lab	93.3753, 0.7284, -0.9272

Details

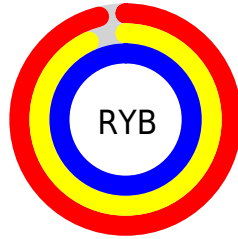
The RYB color **246, 237, 252** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **237, 252, 246**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **190, 181, 195** is the 20% darker color. If you saturate the color by 10%, you get **236, 212, 252**, and if you desaturate by 10%, it is **252, 255, 252**.

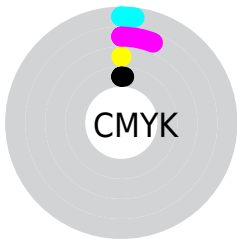
Distribution



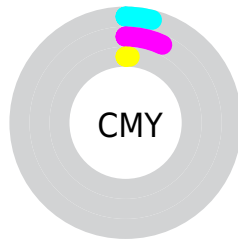
- Red (96%)
- Green (93%)
- Blue (99%)



- Red (96%)
- Yellow (93%)
- Blue (99%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (4%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 237, 252 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 246, 237, 252 by changing the saturation by 10% instead.

 246, 237, 252

255, 255, 255

 246, 237, 252

 218, 209, 223

 190, 181, 195


 163, 154, 168


 136, 128, 142

 111, 103, 116

 87, 79, 92

 63, 56, 68

 41, 35, 46


 21, 13, 25


 246, 237, 252


 246, 237, 252


 236, 212, 252

252, 255, 252

 226, 187, 252


 216, 161, 252


 206, 136, 252

 196, 111, 252

 186, 86, 252

 175, 61, 252

 165, 35, 252

 155, 10, 252

Harmonies

Analogous

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



236, 239, 255



246, 237, 252



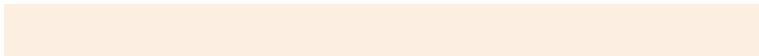
254, 235, 245

Triad

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



246, 237, 252



252, 250, 225



221, 234, 245

Complementary

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



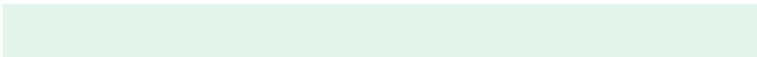
246, 237, 252



237, 252, 246

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.



226, 239, 245



246, 237, 252



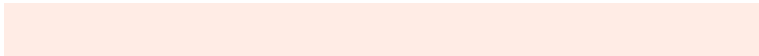
226, 243, 224

Square

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



246, 237, 252



255, 239, 229



228, 243, 237



221, 234, 251

Rectangle

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



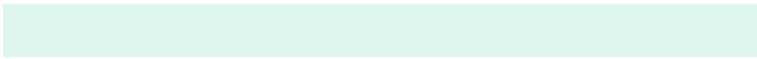
246, 237, 252



255, 235, 240



228, 243, 237



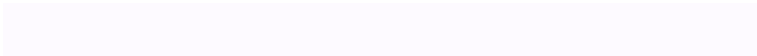
222, 235, 245

Sweetspot

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



246, 237, 252



253, 250, 255



237, 241, 252



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



246, 237, 252



248, 237, 255



252, 237, 251



121, 115, 125



113, 0, 189



37, 0, 61

Inverse Universe

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



252, 237, 243



255, 237, 244



237, 250, 252



125, 115, 119



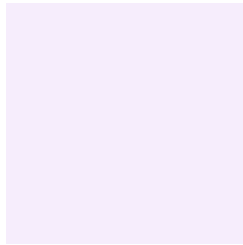
189, 0, 75



61, 0, 24

Previews

White Background



This preview shows how the RYB color 246, 237, 252 looks on a white background.

Color Contrast Check

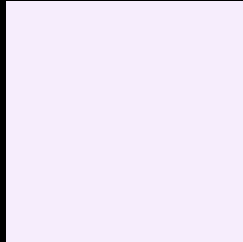
Large Text (above 18pt) WCAG AA × Fail

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 246, 237, 252 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

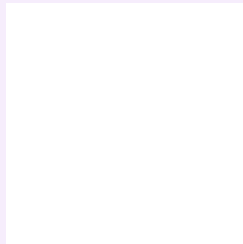
Any Text WCAG AAA ✓ Pass

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

RYB 246, 237, 252 Background



This preview shows how black text looks on a background with the RYB color 246, 237, 252.



This preview shows how white text looks on a background with the RYB color 246, 237, 252.

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
246, 237, 252

Protanopia
241, 239, 253

Deuteranopia
255, 234, 251



Tritanopia

246, 237, 255

Trichromacy



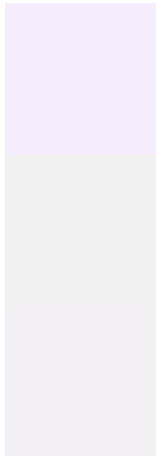
Original Color
246, 237, 252

Protanomaly
243, 238, 253

Deuteranomaly
252, 235, 251

Tritanomaly
246, 237, 254

Monochromacy



Original Color
246, 237, 252

Achromatopsia
241, 241, 241

Achromatomaly
243, 240, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 237, 252 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(246, 237, 252) looks like.

```
.text, #text, p{  
    color:rgb(246, 237, 252)  
}
```

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(246, 237, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 237, 252) }
```

Border

The CSS property to change the border of an element to RYB 246, 237, 252 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(246, 237, 252) }
```

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

```
.border{ border-color:rgb(246, 237, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 237, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 237, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 237, 252);  
box-shadow:4px 4px 4px 4px rgb(246, 237,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 246, 237, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 237, 252) }
```

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

```
.background{ background-color: rgb(246,  
237, 252) }
```

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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