

Converting Colors

`RYB(241, 237, 253)`

Have a look what the booklet for RYB(241, 237, 253) contains.

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Color

R_YB(241, 237, 253)

Conversions

Conversions Part 1

Format	Color
Hex	F1EDFD
RGB	241, 237, 253
RGB Percent	95%, 93%, 99%
CMY	0.0549, 0.0706, 0.0078
CMYK	0.05, 0.06, 0.00, 0.01
HSL	255°, 80%, 96%
HSV	255°, 6%, 99%
XYZ	84.2894, 86.3610, 105.1553
YIQ	240.0200, -2.7520, 5.8240

Conversions

Conversions Part 2

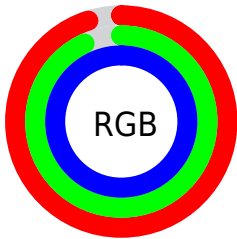
Format	Color
R _Y B	241, 237, 253
Decimal	15855101
CIE Lab	94.47, 4.23, -7.23
CIE LCh	94, 8.377, 300.311
Yxy	86.3610, 0.3056, 0.3131
Android (android.graphics.Color)	4294045181 (0xFFFF1EDFD)
YUV	240.0200, 6.3991, 0.8595
Hunter-Lab	92.9306, -0.7265, -2.0380

Details

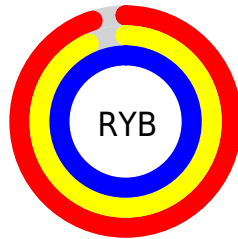
The RYB color **241, 237, 253** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **237, 253, 241**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 255**, and **185, 181, 196** is the 20% darker color. If you saturate the color by 10%, you get **222, 212, 253**, and if you desaturate by 10%, it is **253, 255, 253**.

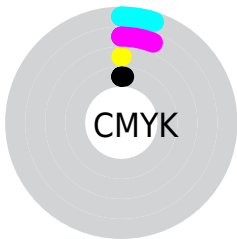
Distribution



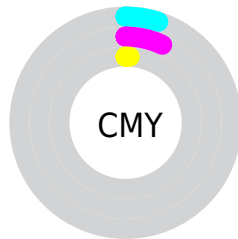
- Red (95%)
- Green (93%)
- Blue (99%)



- Red (95%)
- Yellow (93%)
- Blue (99%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 237, 253 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 241, 237, 253 by changing the saturation by 10% instead.

■ 241, 237, 253

255, 255, 255

■ 241, 237, 253

■ 213, 209, 224

■ 185, 181, 196

■ 158, 154, 169

■ 132, 128, 143

■ 107, 103, 117

■ 82, 79, 92

■ 59, 56, 69

■ 38, 35, 47

■ 17, 13, 26

241, 237, 253

241, 237, 253

222, 212, 253

253, 255, 253

203, 186, 253

184, 161, 253

165, 136, 253

146, 111, 253

127, 85, 253

108, 60, 253

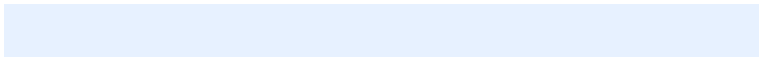
89, 35, 253

70, 9, 253

Harmonies

Analogous

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



231, 238, 255



241, 237, 253



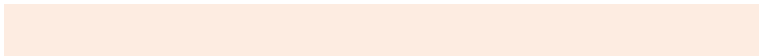
250, 235, 247

Triad

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



241, 237, 253



253, 243, 225



221, 234, 244

Complementary

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



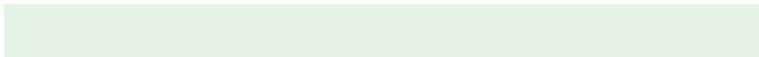
241, 237, 253



237, 253, 241

Split Complementary

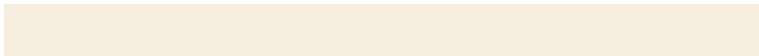
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228, 241, 243



241, 237, 253



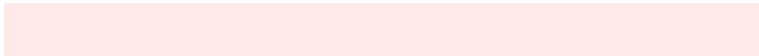
235, 246, 223

Square

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



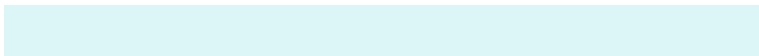
241, 237, 253



255, 234, 231



225, 241, 229



220, 233, 247

Rectangle

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



241, 237, 253



254, 234, 242



225, 241, 229



223, 236, 244

Sweetspot

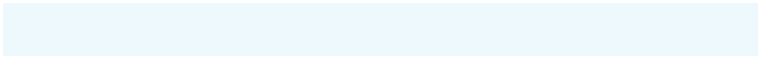
The Sweet Spot groups the original color and five complimentary colors.



241, 237, 253



251, 250, 255



237, 244, 253



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



241, 237, 253



240, 235, 255



249, 237, 253



118, 115, 128



48, 0, 191



16, 0, 64

Inverse Universe

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



253, 237, 249



255, 235, 250



237, 253, 249



128, 115, 124



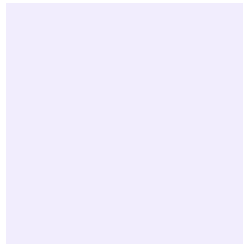
191, 0, 143



64, 0, 48

Previews

White Background



This preview shows how the RYB color 241, 237, 253 looks on a white background.

Color Contrast Check

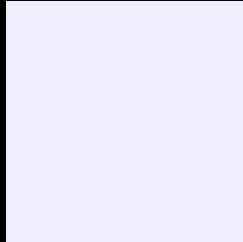
Large Text (above 18pt) WCAG AA × Fail

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 241, 237, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

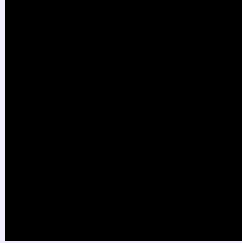
Any Text WCAG AA ✓ Pass

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 241, 237, 253 Background



This preview shows how black text looks on a background with the RYB color 241, 237, 253.



This preview shows how white text looks on a background with the RYB color 241, 237, 253.

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
241, 237, 253

Protanopia
239, 238, 253

Deuteranopia
255, 232, 254



Tritanopia

241, 237, 255

Trichromacy



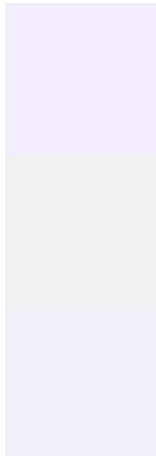
Original Color
241, 237, 253

Protanomaly
240, 238, 253

Deuteranomaly
250, 234, 254

Tritanomaly
241, 237, 254

Monochromacy



Original Color
241, 237, 253

Achromatopsia
240, 240, 240

Achromatomaly
240, 239, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 237, 253 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(241, 237, 253) looks like.

```
.text, #text, p{  
    color:rgb(241, 237, 253)  
}
```

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(241, 237, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 237, 253) }
```

Border

The CSS property to change the border of an element to RYB 241, 237, 253 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(241, 237, 253) }
```

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

```
.border{ border-color:rgb(241, 237, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 237, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 237, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 237, 253);  
box-shadow:4px 4px 4px 4px rgb(241, 237,  
253) }
```

Background

The CSS property to change the background color of an element to RYB 241, 237, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 237, 253) }
```

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

```
.background{ background-color: rgb(241,  
237, 253) }
```

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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