

Converting Colors

`RYB(247, 234, 246)`

Have a look what the booklet for
RYB(247, 234, 246) contains.

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Color

R_YB(247, 234, 246)

Conversions

Conversions Part 1

Format	Color
Hex	F7EAF6
RGB	247, 234, 246
RGB Percent	97%, 92%, 96%
CMY	0.0314, 0.0824, 0.0353
CMYK	0.00, 0.05, 0.00, 0.03
HSL	305°, 45%, 94%
HSV	305°, 5%, 97%
XYZ	84.4151, 85.2736, 99.1991
YIQ	239.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

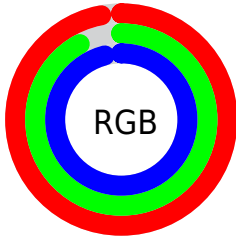
Format	Color
R_{YB}	247, 234, 246
Decimal	16247542
CIE Lab	94.00, 6.47, -4.23
CIE LCh	94, 7.732, 326.843
Yxy	85.2736, 0.3139, 0.3171
Android (android.graphics.Color)	4294437622 (0xFF7EAF6)
YUV	239.2550, 3.3253, 6.7924
Hunter-Lab	92.3437, 1.5726, 0.9491

Details

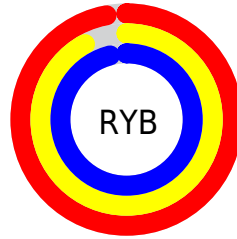
The RYB color **247, 234, 246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **234, 246, 247**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 255**, and **191, 178, 190** is the 20% darker color. If you saturate the color by 10%, you get **247, 209, 244**, and if you desaturate by 10%, it is **247, 254, 255**.

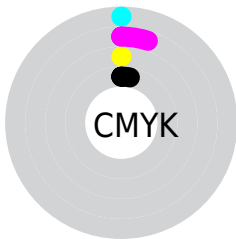
Distribution



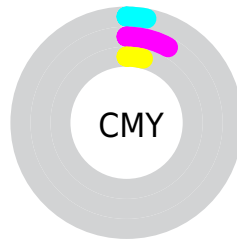
- Red (97%)
- Green (92%)
- Blue (96%)



- Red (97%)
- Yellow (92%)
- Blue (96%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 234, 246 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 247, 234, 246 by changing the saturation by 10% instead.

 247, 234, 246

 247, 234, 246

255, 255, 255

 218, 206, 218

 191, 178, 190

 164, 152, 163

 137, 126, 136

 112, 101, 111

 87, 77, 87

 64, 54, 63

 42, 33, 42

 22, 10, 21

 247, 234, 246


 247, 234, 246

 247, 209, 244

 247, 254, 255

 247, 185, 242


 247, 253, 255

 247, 160, 240

 247, 252, 255


 247, 135, 238

 247, 251, 255


 247, 110, 237

 247, 251, 255

 247, 86, 235

 247, 61, 233

 247, 36, 231

 247, 12, 229

Harmonies

Analogous

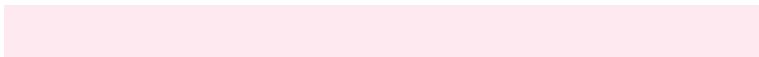
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238, 236, 251



247, 234, 246



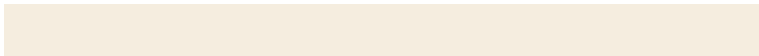
253, 233, 239

Triad

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



247, 234, 246



236, 245, 223



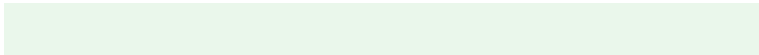
220, 231, 244

Complementary

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



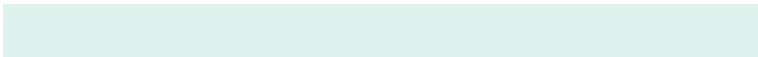
247, 234, 246



234, 246, 247

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.



222, 233, 242



247, 234, 246



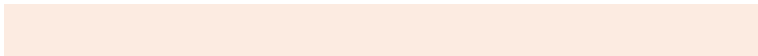
224, 239, 226

Square

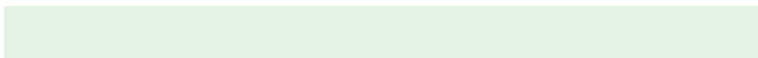
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247, 234, 246



252, 241, 225



228, 240, 241



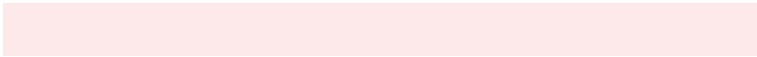
222, 233, 250

Rectangle

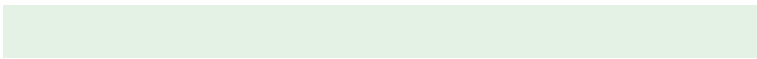
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247, 234, 246



254, 233, 234



228, 240, 241



220, 231, 242

Sweetspot

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



247, 234, 246



255, 250, 255



235, 234, 247



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



247, 234, 246



255, 240, 254



247, 234, 240



122, 114, 122



186, 0, 172



59, 0, 54

Inverse Universe

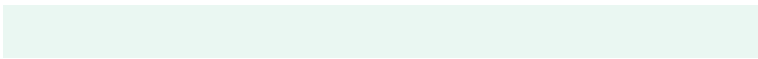
The Inverse Universe completely reimagines the original color for something new.



247, 234, 246



255, 240, 254



234, 242, 247



122, 114, 122



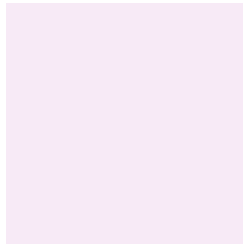
186, 0, 172



59, 0, 54

Previews

White Background



This preview shows how the RYB color 247, 234, 246 looks on a white background.

Color Contrast Check

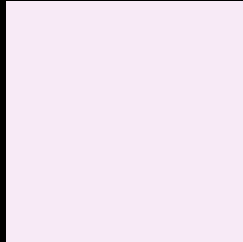
Large Text (above 18pt) WCAG AA × Fail

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 247, 234, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

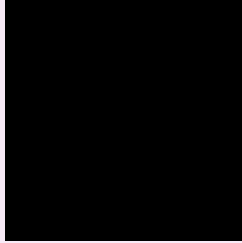
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

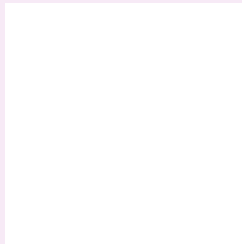
Any Text WCAG AAA ✓ Pass

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

RYB 247, 234, 246 Background



This preview shows how black text looks on a background with the RYB color 247, 234, 246.



This preview shows how white text looks on a background with the RYB color 247, 234, 246.

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
247, 234, 246

Protanopia
239, 236, 247

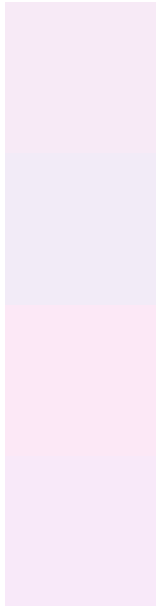
Deuteranopia
255, 231, 246



Tritanopia

248, 233, 251

Trichromacy



Original Color

247, 234, 246

Protanomaly

242, 235, 247

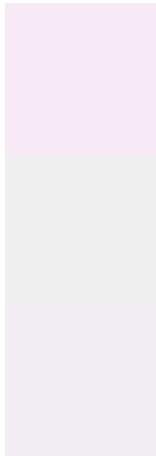
Deuteranomaly

252, 232, 246

Tritanomaly

248, 233, 249

Monochromacy



Original Color

247, 234, 246

Achromatopsia

239, 239, 239

Achromatomaly

242, 237, 242

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 234, 246 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(247, 234, 246) looks like.

```
.text, #text, p{  
    color:rgb(247, 234, 246)  
}
```

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(247, 234, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 234, 246) }
```

Border

The CSS property to change the border of an element to RYB 247, 234, 246 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(247, 234, 246) }
```

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

```
.border{ border-color:rgb(247, 234, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 234, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 234, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 234, 246);  
box-shadow:4px 4px 4px 4px rgb(247, 234,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 247, 234, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 234, 246) }
```

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

```
.background{ background-color: rgb(247,  
234, 246) }
```

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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