

Converting Colors

`RYB(247, 230, 245)`

Have a look what the booklet for RYB(247, 230, 245) contains.

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Color

RYB(247, 230, 245)

Conversions

Conversions Part 1

Format	Color
Hex	F7E6F5
RGB	247, 230, 245
RGB Percent	97%, 90%, 96%
CMY	0.0314, 0.0980, 0.0392
CMYK	0.00, 0.07, 0.01, 0.03
HSL	307°, 52%, 94%
HSV	307°, 7%, 97%
XYZ	83.1360, 82.9604, 98.0174
YIQ	236.7930, 5.3170, 8.2690

Conversions

Conversions Part 2

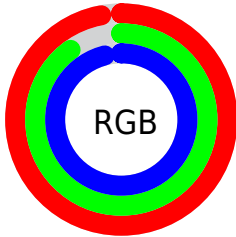
Format	Color
R _Y B	247, 230, 245
Decimal	16246517
CIE Lab	93.00, 8.36, -5.19
CIE LCh	93, 9.838, 328.184
Yxy	82.9604, 0.3148, 0.3141
Android (android.graphics.Color)	4294436597 (0xFFFF7E6F5)
YUV	236.7930, 4.0461, 8.9515
Hunter-Lab	91.0826, 3.5321, -0.0464

Details

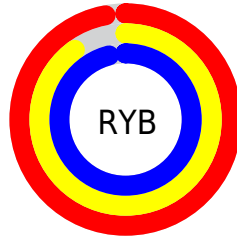
The RYB color **247, 230, 245** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **230, 245, 247**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **191, 175, 189** is the 20% darker color. If you saturate the color by 10%, you get **247, 205, 242**, and if you desaturate by 10%, it is 247, 254, 255.

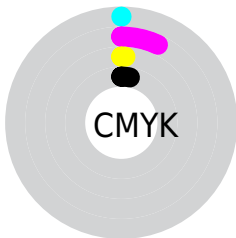
Distribution



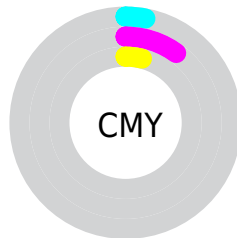
- Red (97%)
- Green (90%)
- Blue (96%)



- Red (97%)
- Yellow (90%)
- Blue (96%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 230, 245 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, 230, 245 by changing the saturation by 10% instead.


 247, 230, 245

 247, 230, 245

255, 255, 255

 218, 202, 217

 191, 175, 189

 164, 148, 162

 137, 122, 136

 112, 97, 110

 87, 73, 86

 64, 51, 63

 42, 30, 41


 22, 5, 21

 247, 230, 245

 247, 230, 245

 247, 205, 242

 247, 254, 255

 247, 181, 239


 247, 252, 255

 247, 156, 236


 247, 251, 255

 247, 131, 233

 247, 251, 255

 247, 107, 230

 247, 82, 228

 247, 57, 225

 247, 32, 222

 247, 8, 219

Harmonies

Analogous

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



236, 233, 252



247, 230, 245



254, 229, 236

Triad

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



247, 230, 245



232, 244, 216



212, 227, 243

Complementary

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



247, 230, 245



230, 245, 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.



214, 230, 241



247, 230, 245



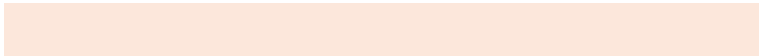
218, 237, 222

Square

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



247, 230, 245



252, 238, 219



222, 236, 239



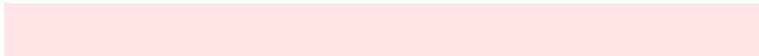
215, 229, 251

Rectangle

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



247, 230, 245



255, 229, 229



222, 236, 239



212, 227, 241

Sweetspot

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



247, 230, 245



255, 250, 254



232, 230, 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, 230, 245



255, 235, 253



247, 230, 237



122, 110, 121



186, 0, 164



59, 0, 52

Inverse Universe

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



247, 230, 245



255, 235, 253



230, 241, 247



122, 110, 121



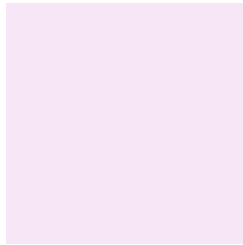
186, 0, 164



59, 0, 52

Previews

White Background



This preview shows how the RYB color 247, 230, 245 looks on a white background.

Color Contrast Check

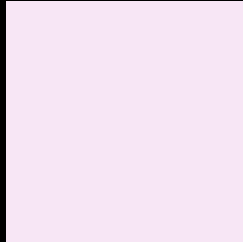
Large Text (above 18pt) WCAG AA × Fail

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, 230, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

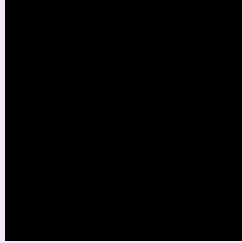
Any Text WCAG AA ✓ Pass

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, 230, 245 Background



This preview shows how black text looks on a background with the RYB color 247, 230, 245.



This preview shows how white text looks on a background with the RYB color 247, 230, 245.

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, 230, 245

Protanopia
236, 234, 247

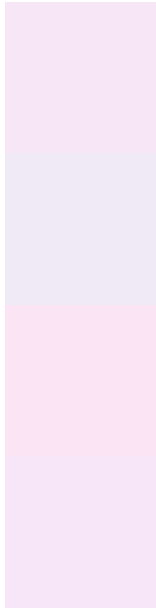
Deuteranopia
253, 228, 245



Tritanopia

247, 230, 248

Trichromacy



Original Color

247, 230, 245

Protanomaly

240, 233, 246

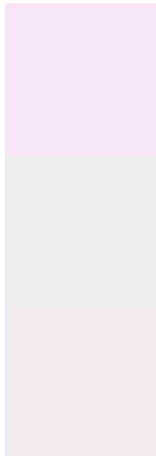
Deuteranomaly

251, 229, 245

Tritanomaly

247, 230, 247

Monochromacy



Original Color

247, 230, 245

Achromatopsia

237, 237, 237

Achromatomaly

241, 234, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 230, 245 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, 230, 245) looks like.

```
.text, #text, p{  
    color:rgb(247, 230, 245)  
}
```

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, 230, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 245) }
```

Border

The CSS property to change the border of an element to RYB 247, 230, 245 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, 230, 245) }
```

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

```
.border{ border-color:rgb(247, 230, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 230, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 247, 230, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 230, 245) }
```

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

```
.background{ background-color: rgb(247,  
230, 245) }
```

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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