

Converting Colors

`RYB(250, 222, 245)`

Have a look what the booklet for
RYB(250, 222, 245) contains.

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Color

R_YB(250, 222, 245)

Conversions

Conversions Part 1

Format	Color
Hex	FADEF5
RGB	250, 222, 245
RGB Percent	98%, 87%, 96%
CMY	0.0196, 0.1294, 0.0392
CMYK	0.00, 0.11, 0.02, 0.02
HSL	311°, 74%, 93%
HSV	311°, 11%, 98%
XYZ	82.0270, 79.1591, 97.3421
YIQ	232.9940, 9.3050, 13.0890

Conversions

Conversions Part 2

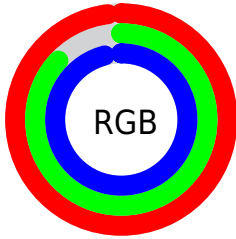
Format	Color
RYB	250, 222, 245
Decimal	16441077
CIELab	91.31, 13.51, -7.66
CIELCh	91, 15.531, 330.460
Yxy	79.1591, 0.3173, 0.3062
Android (android.graphics.Color)	4294631157 (0xFFFADEF5)
YUV	232.9940, 5.9190, 14.9143
Hunter-Lab	88.9714, 8.8678, -2.5882

Details

The RYB color **250, 222, 245** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **222, 246, 250**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 167, 189** is the 20% darker color. If you saturate the color by 10%, you get **250, 197, 241**, and if you desaturate by 10%, it is **250, 247, 249**.

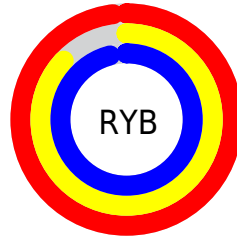
Distribution



Red (98%)

Green (87%)

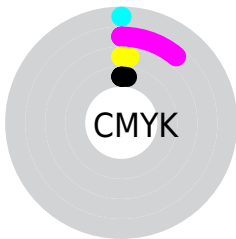
Blue (96%)



Red (98%)

Yellow (87%)

Blue (96%)

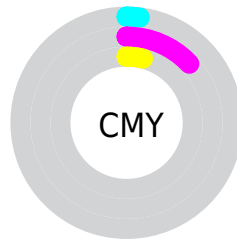


Cyan (0%)

Magenta (11%)

Yellow (2%)

Black (2%)



Cyan (2%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 222, 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 250, 222, 245 by changing the saturation by 10% instead.


 250, 222, 245

255, 255, 255

 250, 222, 245

 221, 194, 217

 193, 167, 189

 166, 140, 162

 140, 115, 136

 114, 90, 110

 89, 67, 86


 66, 44, 63

 43, 23, 41


 25, 0, 21

 250, 222, 245


 250, 222, 245

 250, 197, 241


 250, 247, 249


 250, 172, 236


 250, 253, 255


 250, 147, 232


 250, 253, 255

 250, 122, 227

 250, 97, 223

 250, 72, 218

 250, 47, 214

 250, 22, 209

 250, 0, 205

Harmonies

Analogous

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



233, 226, 255



250, 222, 245



255, 220, 230

Triad

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



250, 222, 245



219, 242, 200



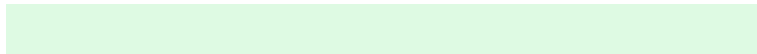
192, 217, 245

Complementary

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



250, 222, 245



222, 246, 250

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.



196, 220, 239



250, 222, 245



204, 234, 213

Square

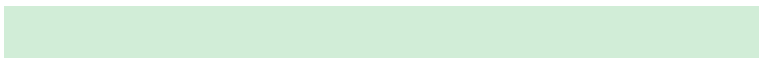
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



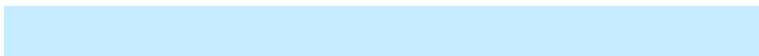
250, 222, 245



255, 236, 205



209, 232, 237



199, 221, 255

Rectangle

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



250, 222, 245



255, 220, 220



209, 232, 237



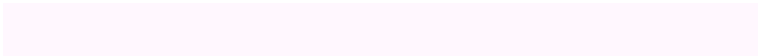
192, 216, 240

Sweetspot

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



250, 222, 245



255, 247, 254



227, 222, 250



128, 122, 127



0, 0, 0



128, 128, 128

Same Dimension

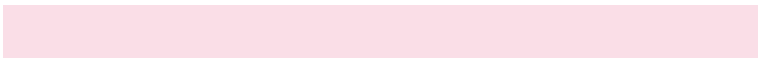
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250, 222, 245



255, 222, 249



250, 222, 231



125, 112, 123



189, 0, 155



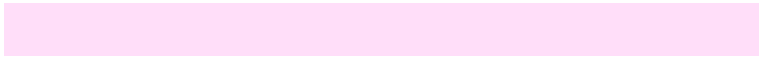
61, 0, 50

Inverse Universe

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



250, 222, 245



255, 222, 249



222, 239, 250



125, 112, 123



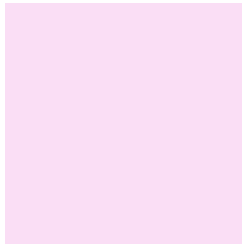
189, 0, 155



61, 0, 50

Previews

White Background



This preview shows how the RYB color 250, 222, 245 looks on a white background.

Color Contrast Check

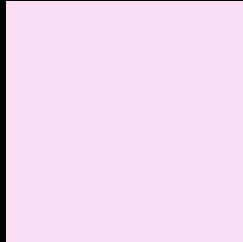
Large Text (above 18pt) WCAG AA × Fail

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 250, 222, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

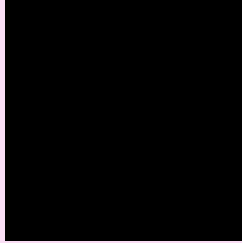
Any Text WCAG AA ✓ Pass

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 250, 222, 245 Background



This preview shows how black text looks on a background with the RYB color 250, 222, 245.



This preview shows how white text looks on a background with the RYB color 250, 222, 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
250, 222, 245

Protanopia
229, 229, 249

Deuteranopia
246, 223, 245



Tritanopia

249, 223, 240

Trichromacy



Original Color

250, 222, 245

Protanomaly

237, 226, 248

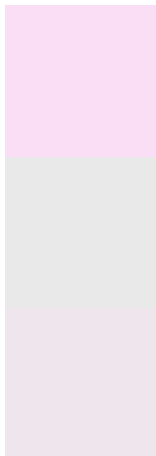
Deuteranomaly

247, 223, 245

Tritanomaly

249, 223, 242

Monochromacy



Original Color

250, 222, 245

Achromatopsia

233, 233, 233

Achromatomaly

239, 229, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 222, 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(250, 222, 245) looks like.

```
.text, #text, p{  
    color:rgb(250, 222, 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(250, 222, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 222, 245) }
```

Border

The CSS property to change the border of an element to RYB 250, 222, 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(250, 222, 245) }
```

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

```
.border{ border-color:rgb(250, 222, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 222, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 222, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 222, 245);  
box-shadow:4px 4px 4px 4px rgb(250, 222,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 250, 222, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 222, 245) }
```

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

```
.background{ background-color: rgb(250,  
222, 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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