

Converting Colors

`RYB(250, 215, 244)`

Have a look what the booklet for
RYB(250, 215, 244) contains.

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Color

R_YB(250, 215, 244)

Conversions

Conversions Part 1

Format	Color
Hex	FAD7F4
RGB	250, 215, 244
RGB Percent	98%, 84%, 96%
CMY	0.0196, 0.1569, 0.0431
CMYK	0.00, 0.14, 0.02, 0.02
HSL	310°, 78%, 91%
HSV	310°, 14%, 98%
XYZ	80.0539, 75.4565, 95.9332
YIQ	228.7710, 11.5510, 16.4390

Conversions

Conversions Part 2

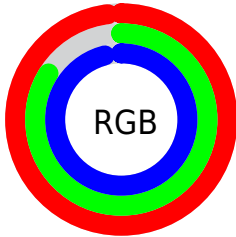
Format	Color
R_{YB}	250, 215, 244
Decimal	16439284
CIE _{Lab}	89.61, 16.99, -9.65
CIE _{LCh}	90, 19.543, 330.395
Yxy	75.4565, 0.3184, 0.3001
Android (android.graphics.Color)	4294629364 (0xFFFAD7F4)
YUV	228.7710, 7.5079, 18.6178
Hunter-Lab	86.8657, 12.4875, -4.6730

Details

The RYB color **250, 215, 244** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **215, 245, 250**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **193, 160, 188** is the 20% darker color. If you saturate the color by 10%, you get **250, 190, 240**, and if you desaturate by 10%, it is 250, 240, 248.

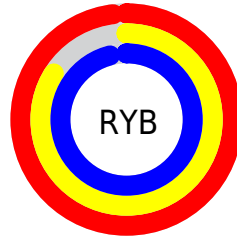
Distribution



Red (98%)

Green (84%)

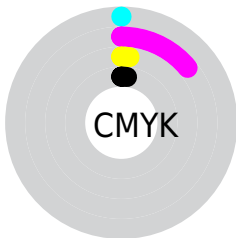
Blue (96%)



Red (98%)

Yellow (84%)

Blue (96%)

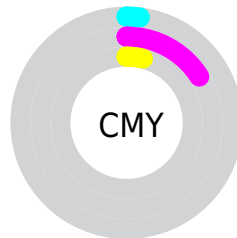


Cyan (0%)

Magenta (14%)

Yellow (2%)

Black (2%)



Cyan (2%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 215, 244 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, 215, 244 by changing the saturation by 10% instead.

250, 215, 244

255, 255, 255

250, 215, 244

221, 187, 216

193, 160, 188

166, 134, 161

139, 108, 135

114, 84, 109

89, 61, 85


65, 38, 62

43, 18, 40


24, 0, 20

 250, 215, 244


 250, 215, 244

 250, 190, 240


 250, 240, 248

 250, 165, 235


 250, 253, 255

 250, 140, 231


 250, 253, 255

 250, 115, 227

 250, 90, 223

 250, 65, 218

 250, 40, 214

 250, 15, 210

 250, 0, 207

Harmonies

Analogous

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



229, 220, 255



250, 215, 244



255, 212, 226

Triad

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



250, 215, 244



211, 240, 188



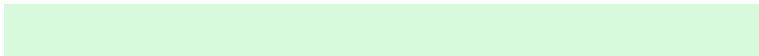
176, 208, 243

Complementary

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



250, 215, 244



215, 245, 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.



182, 212, 236



250, 215, 244



193, 230, 204

Square

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



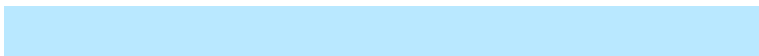
250, 215, 244



255, 235, 193



198, 227, 234



185, 213, 255

Rectangle

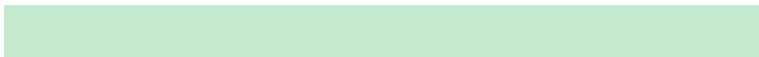
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250, 215, 244



255, 213, 213



198, 227, 234



177, 207, 238

Sweetspot

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



250, 215, 244



255, 245, 253



221, 215, 250



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



250, 215, 244



255, 212, 248



250, 215, 227



125, 112, 123



189, 0, 156



61, 0, 51

Inverse Universe

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



250, 215, 244



255, 212, 248



215, 236, 250



125, 112, 123



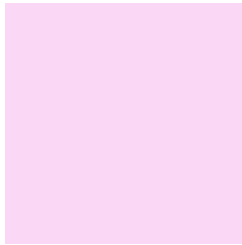
189, 0, 156



61, 0, 51

Previews

White Background



This preview shows how the RYB color 250, 215, 244 looks on a white background.

Color Contrast Check

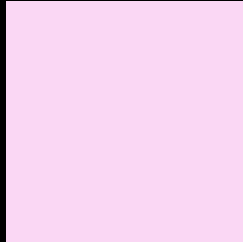
Large Text (above 18pt) WCAG AA × Fail

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, 215, 244 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, 215, 244 Background



This preview shows how black text looks on a background with the RYB color 250, 215, 244.



This preview shows how white text looks on a background with the RYB color 250, 215, 244.

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, 215, 244

Protanopia
222, 224, 250

Deuteranopia
239, 219, 243



Tritanopia
249, 217, 234

Trichromacy



Original Color

250, 215, 244

Protanomaly

232, 221, 248

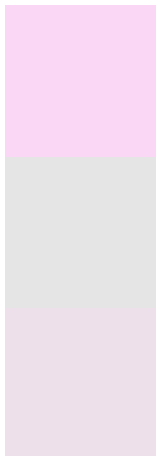
Deuteranomaly

243, 218, 243

Tritanomaly

249, 216, 238

Monochromacy



Original Color

250, 215, 244

Achromatopsia

229, 229, 229

Achromatomaly

237, 224, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 215, 244 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, 215, 244) looks like.

```
.text, #text, p{  
    color:rgb(250, 215, 244)  
}
```

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, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 215, 244) }
```

Border

The CSS property to change the border of an element to RYB 250, 215, 244 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, 215, 244) }
```

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

```
.border{ border-color:rgb(250, 215, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 215, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(250, 215,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 250, 215, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 215, 244) }
```

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

```
.background{ background-color: rgb(250,  
215, 244) }
```

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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