

Converting Colors

`RYB(246, 174, 248)`

Have a look what the booklet for RYB(246, 174, 248) contains.

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Color

R_YB(246, 174, 248)

Conversions

Conversions Part 1

Format	Color
Hex	F6AEF8
RGB	246, 174, 248
RGB Percent	96%, 68%, 97%
CMY	0.0353, 0.3176, 0.0275
CMYK	0.01, 0.30, 0.00, 0.03
HSL	298°, 84%, 83%
HSV	298°, 30%, 97%
XYZ	70.0854, 56.6422, 96.0461
YIQ	203.9640, 19.1580, 38.2780

Conversions

Conversions Part 2

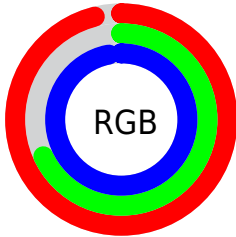
Format	Color
R _Y B	246, 174, 248
Decimal	16166648
CIE Lab	79.98, 38.02, -26.33
CIE LCh	80, 46.246, 325.295
Yxy	56.6422, 0.3146, 0.2543
Android (android.graphics.Color)	4294356728 (0xFFF6AEF8)
YUV	203.9640, 21.7097, 36.8656
Hunter-Lab	75.2610, 34.5178, -22.9815

Details

The RYB color **246, 174, 248** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **174, 248, 246**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 230, 255**, and **189, 120, 191** is the 20% darker color. If you saturate the color by 10%, you get **245, 149, 248**, and if you desaturate by 10%, it is **247, 199, 248**.

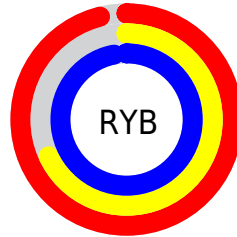
Distribution



Red (96%)

Green (68%)

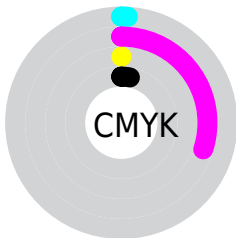
Blue (97%)



Red (96%)

Yellow (68%)

Blue (97%)

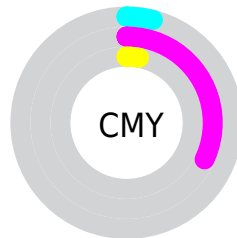


Cyan (1%)

Magenta (30%)

Yellow (0%)

Black (3%)



Cyan (4%)

Magenta (32%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the RYB color 246, 174, 248 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 246, 174, 248 by changing the saturation by 10% instead.

 246, 174, 248


 246, 174, 248

255, 255, 255

 217, 147, 219

 255, 230, 255

 189, 120, 191

 161, 95, 164

 134, 70, 138

 108, 45, 112

 82, 20, 87

 57, 0, 64

 38, 0, 42

 0, 1, 19

 246, 174, 248

 246, 174, 248

 245, 149, 248


 247, 199, 248

 245, 124, 248


 247, 224, 248

 244, 100, 248


 248, 248, 248

 243, 75, 248

 248, 255, 254

 243, 50, 248

 248, 255, 253

 242, 25, 248

 248, 255, 252

 241, 0, 248

 248, 255, 251

Harmonies

Analogous

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



193, 190, 255



246, 174, 248



255, 165, 207

Triad

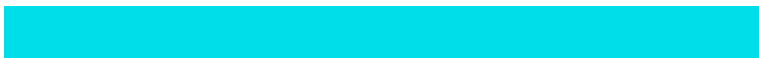
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246, 174, 248



169, 232, 111



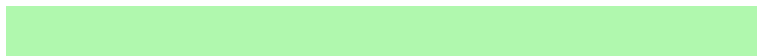
0, 114, 234

Complementary

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



246, 174, 248



174, 248, 246

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.



73, 156, 221



246, 174, 248



118, 207, 136

Square

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



246, 174, 248



255, 209, 129



138, 207, 216



0, 117, 255

Rectangle

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



246, 174, 248



255, 164, 178



138, 207, 216



0, 111, 221

Sweetspot

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



246, 174, 248



254, 232, 255



174, 176, 248



127, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



246, 174, 248



253, 163, 255



248, 174, 213



125, 112, 125



184, 0, 189



60, 0, 61

Inverse Universe

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



248, 174, 176



255, 163, 166



174, 224, 248



125, 112, 113



189, 0, 5



61, 0, 2

Previews

White Background



This preview shows how the RYB color 246, 174, 248 looks on a white background.

Color Contrast Check

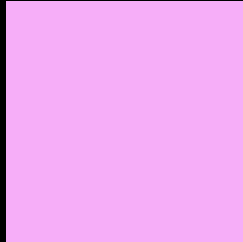
Large Text (above 18pt) WCAG AA × Fail

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 246, 174, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

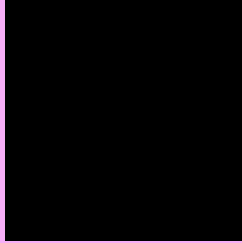
Any Text WCAG AA ✓ Pass

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 246, 174, 248 Background



This preview shows how black text looks on a background with the RYB color 246, 174, 248.




This preview shows how white text looks on a background with the RYB color 246, 174, 248.

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





Tritanopia
239, 184, 198

Trichromacy



Original Color

246, 174, 248



Protanomaly

206, 189, 252



Deuteranomaly

214, 187, 245



Tritanomaly

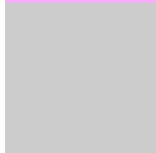
242, 180, 216

Monochromacy



Original Color

246, 174, 248



Achromatopsia

204, 204, 204



Achromatomaly

219, 193, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 174, 248 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(246, 174, 248)` looks like.

```
.text, #text, p{  
    color:rgb(246, 174, 248)  
}
```

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(246, 174, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 174, 248) }
```

Border

The CSS property to change the border of an element to RYB 246, 174, 248 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(246, 174, 248) }
```

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

```
.border{ border-color:rgb(246, 174, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 174, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 174, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 174, 248);  
box-shadow:4px 4px 4px 4px rgb(246, 174,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 246, 174, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 174, 248) }
```

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

```
.background{ background-color: rgb(246,  
174, 248) }
```

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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