

Converting Colors

`RYB(246, 176, 210)`

Have a look what the booklet for
RYB(246, 176, 210) contains.

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Color

R_YB(246, 176, 210)

Conversions

Conversions Part 1

Format	Color
Hex	F6B0D2
RGB	246, 176, 210
RGB Percent	96%, 69%, 82%
CMY	0.0353, 0.3098, 0.1765
CMYK	0.00, 0.28, 0.15, 0.04
HSL	331°, 80%, 83%
HSV	331°, 28%, 96%
XYZ	65.1642, 55.2966, 68.2116
YIQ	200.8060, 30.8060, 25.4140

Conversions

Conversions Part 2

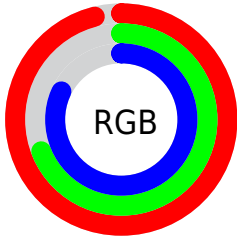
Format	Color
R _Y B	246, 176, 210
Decimal	16167122
CIE Lab	79.21, 30.49, -6.97
CIE LCh	79, 31.278, 347.119
Yxy	55.2966, 0.3454, 0.2931
Android (android.graphics.Color)	4294357202 (0xFFFF6B0D2)
YUV	200.8060, 4.5326, 39.6351
Hunter-Lab	74.3617, 26.2891, -2.3332

Details

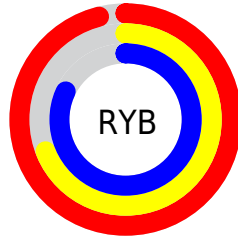
The RYB color **246, 176, 210** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **176, 222, 246**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 232, 255**, and **189, 123, 156** is the 20% darker color. If you saturate the color by 10%, you get **246, 151, 197**, and if you desaturate by 10%, it is **246, 201, 223**.

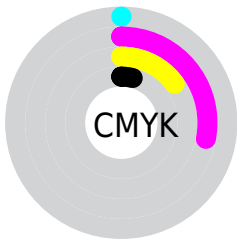
Distribution



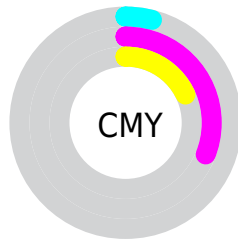
- Red (96%)
- Green (69%)
- Blue (82%)



- Red (96%)
- Yellow (69%)
- Blue (82%)



- Cyan (0%)
- Magenta (28%)
- Yellow (15%)
- Black (4%)



- Cyan (4%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 176, 210 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, 176, 210 by changing the saturation by 10% instead.

 246, 176, 210


255, 255, 255

 255, 232, 255

 246, 176, 210

 217, 149, 182

 189, 123, 156

 161, 97, 130

 134, 73, 104

 108, 49, 80

 82, 25, 57

 58, 0, 36

 38, 0, 14

 0, 0, 0

■ 246, 176, 210

■ 246, 176, 210

■ 246, 151, 197

■ 246, 201, 223

■ 246, 127, 185

■ 246, 225, 235

■ 246, 102, 172

■ 246, 249, 250

■ 246, 78, 159

■ 246, 251, 255

■ 246, 53, 147

■ 246, 28, 134

■ 246, 4, 121

■ 246, 0, 119

Harmonies

Analogous

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



221, 183, 236



246, 176, 210



255, 175, 180

Triad

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



246, 176, 210



140, 200, 140



110, 166, 238

Complementary

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



246, 176, 210



176, 222, 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.



109, 161, 212



246, 176, 210



156, 207, 196

Square

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



246, 176, 210



207, 228, 140



134, 182, 212



141, 181, 252

Rectangle

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



246, 176, 210



252, 181, 162



134, 182, 212



106, 163, 230

Sweetspot

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



246, 176, 210



255, 232, 243



211, 176, 246



128, 113, 120



0, 0, 0



128, 128, 128

Same Dimension

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



246, 176, 210



255, 168, 210



246, 176, 176



122, 110, 116



186, 0, 90



59, 0, 28

Inverse Universe

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



246, 176, 210



255, 168, 210



176, 211, 246



122, 110, 116



186, 0, 90



59, 0, 28

Previews

White Background



This preview shows how the RYB color 246, 176, 210 looks on a white background.

Color Contrast Check

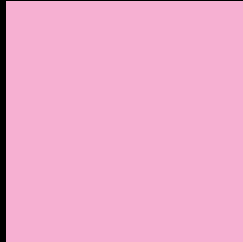
Large Text (above 18pt) WCAG AA × Fail

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, 176, 210 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, 176, 210 Background



This preview shows how black text looks on a background with the RYB color 246, 176, 210.

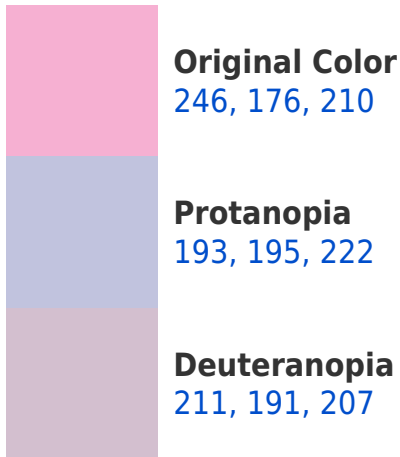



This preview shows how white text looks on a background with the RYB color 246, 176, 210.

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
244, 179, 193

Trichromacy



Original Color

246, 176, 210



Protanomaly

212, 188, 218



Deuteranomaly

224, 186, 208



Tritanomaly

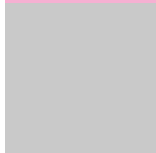
245, 178, 199

Monochromacy



Original Color

246, 176, 210



Achromatopsia

201, 201, 201



Achromatomaly

217, 192, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 176, 210 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, 176, 210) looks like.

```
.text, #text, p{  
    color:rgb(246, 176, 210)  
}
```

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, 176, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 176, 210) }
```

Border

The CSS property to change the border of an element to RYB 246, 176, 210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

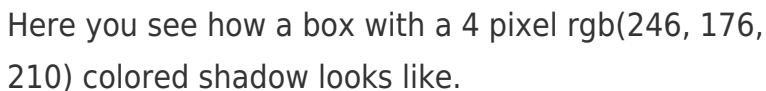
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 176, 210) }
```

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

```
.border{ border-color:rgb(246, 176, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(246, 176, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 176, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 176, 210); box-shadow:4px 4px 4px 4px rgb(246, 176, 210) }
```

Background

The CSS property to change the background color of an element to RYB 246, 176, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 176, 210) }
```

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

```
.background{ background-color: rgb(246,  
176, 210) }
```

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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