

Converting Colors

`RYB(247, 176, 196)`

Have a look what the booklet for
RYB(247, 176, 196) contains.

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Color

R_YB(247, 176, 196)

Conversions

Conversions Part 1

Format	Color
Hex	F7B0C4
RGB	247, 176, 196
RGB Percent	97%, 69%, 77%
CMY	0.0314, 0.3098, 0.2314
CMYK	0.00, 0.29, 0.21, 0.03
HSL	343°, 82%, 83%
HSV	343°, 29%, 97%
XYZ	63.8469, 54.8103, 59.4389
YIQ	199.5090, 35.8960, 21.2720

Conversions

Conversions Part 2

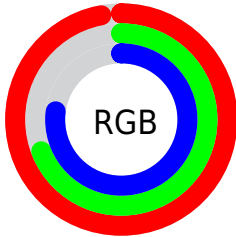
Format	Color
R _Y B	247, 176, 196
Decimal	16232644
CIE Lab	78.93, 28.71, 0.22
CIE LCh	79, 28.707, 0.439
Yxy	54.8103, 0.3585, 0.3078
Android (android.graphics.Color)	4294422724 (0xFF7B0C4)
YUV	199.5090, -1.7299, 41.6496
Hunter-Lab	74.0340, 24.3788, 4.2223

Details

The RYB color **247, 176, 196** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **176, 217, 247**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 232, 253**, and **190, 123, 142** is the 20% darker color. If you saturate the color by 10%, you get **247, 151, 178**, and if you desaturate by 10%, it is **247, 201, 214**.

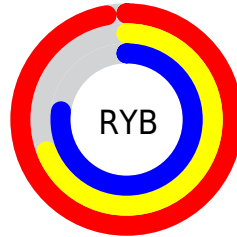
Distribution



Red (97%)

Green (69%)

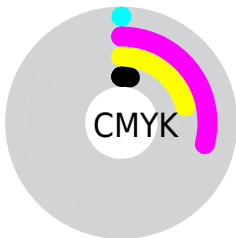
Blue (77%)



Red (97%)

Yellow (69%)

Blue (77%)

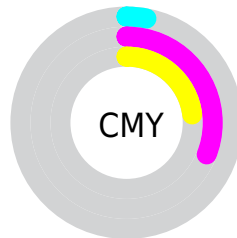


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (3%)



Cyan (3%)


Magenta (31%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the RYB color 247, 176, 196 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, 176, 196 by changing the saturation by 10% instead.


 247, 176, 196

 247, 176, 196

255, 255, 255

 218, 149, 169

 255, 232, 253

 190, 123, 142

 162, 97, 117

 135, 73, 92

 108, 49, 69

 82, 25, 47

 58, 2, 26

 38, 0, 1

 0, 0, 0

■ 247, 176, 196

■ 247, 176, 196

■ 247, 151, 178

■ 247, 201, 214

■ 247, 127, 161

■ 247, 225, 231

■ 247, 102, 143

■ 247, 249, 250

■ 247, 77, 125

■ 247, 251, 255

■ 247, 52, 107

■ 247, 28, 90

■ 247, 3, 72

■ 247, 0, 70

Harmonies

Analogous

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



230, 180, 222



247, 176, 196



249, 179, 170

Triad

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



247, 176, 196



149, 202, 165



129, 174, 241

Complementary

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



247, 176, 196



176, 217, 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.



116, 166, 221



247, 176, 196



155, 198, 208

Square

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



247, 176, 196



171, 215, 142



128, 173, 210



163, 188, 248

Rectangle

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



247, 176, 196



242, 194, 155



128, 173, 210



122, 171, 236

Sweetspot

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



247, 176, 196



255, 232, 239



227, 176, 247



128, 113, 117



0, 0, 0



128, 128, 128

Same Dimension

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



247, 176, 196



255, 168, 193



247, 195, 176



122, 110, 114



186, 0, 52



59, 0, 17

Inverse Universe

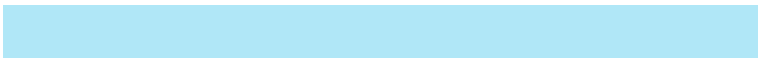
The Inverse Universe completely reimagines the original color for something new.



247, 176, 196



255, 168, 193



176, 207, 247



122, 110, 114



186, 0, 52



59, 0, 17

Previews

White Background



This preview shows how the RYB color 247, 176, 196 looks on a white background.

Color Contrast Check

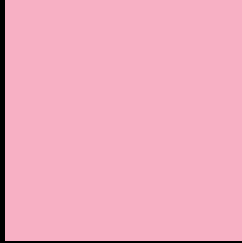
Large Text (above 18pt) WCAG AA × Fail

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, 176, 196 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, 176, 196 Background



This preview shows how black text looks on a background with the RYB color 247, 176, 196.



This preview shows how white text looks on a background with the RYB color 247, 176, 196.

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, 176, 196

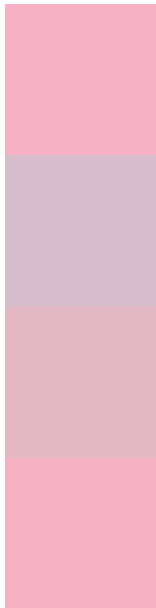
Protanopia
196, 195, 207

Deuteranopia
215, 189, 194



Tritanopia
246, 177, 190

Trichromacy



Original Color
247, 176, 196

Protanomaly
215, 188, 203

Deuteranomaly
227, 184, 195

Tritanomaly
246, 177, 192

Monochromacy



Original Color
247, 176, 196

Achromatopsia
200, 200, 200

Achromatomaly
217, 191, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 176, 196 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, 176, 196)` looks like.

```
.text, #text, p{  
    color:rgb(247, 176, 196)  
}
```

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, 176, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 176, 196) }
```

Border

The CSS property to change the border of an element to RYB 247, 176, 196 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, 176, 196) }
```

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

```
.border{ border-color:rgb(247, 176, 196) }
```

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

Here you see how a box with a 4 pixel rgb(247, 176, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 176, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 176, 196);  
box-shadow:4px 4px 4px 4px rgb(247, 176,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 247, 176, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 176, 196) }
```

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

```
.background{ background-color: rgb(247,  
176, 196) }
```

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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