

Converting Colors

`RYB(247, 147, 177)`

Have a look what the booklet for
RYB(247, 147, 177) contains.

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Color

`RYB(247, 147, 177)`

Conversions

Conversions Part 1

Format	Color
Hex	F793B1
RGB	247, 147, 177
RGB Percent	97%, 58%, 69%
CMY	0.0314, 0.4235, 0.3059
CMYK	0.00, 0.40, 0.28, 0.03
HSL	342°, 86%, 77%
HSV	342°, 40%, 97%
XYZ	56.7273, 43.8159, 47.0624
YIQ	180.3200, 49.9700, 30.5300

Conversions

Conversions Part 2

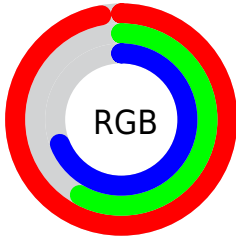
Format	Color
RYB	247, 147, 177
Decimal	16225201
CIELab	72.11, 41.21, 0.69
CIElCh	72, 41.215, 0.957
Yxy	43.8159, 0.3843, 0.2968
Android (android.graphics.Color)	4294415281 (0xFFFF793B1)
YUV	180.3200, -1.6368, 58.4784
Hunter-Lab	66.1936, 37.1341, 4.1814

Details

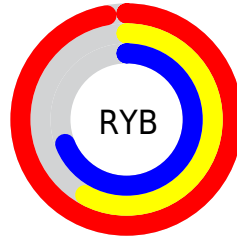
The RYB color **247, 147, 177** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **147, 206, 247**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 202, 233**, and **188, 94, 125** is the 20% darker color. If you saturate the color by 10%, you get **247, 122, 160**, and if you desaturate by 10%, it is **247, 172, 194**.

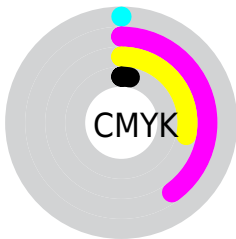
Distribution



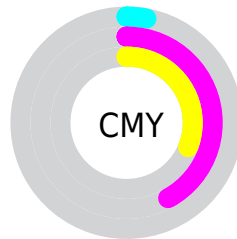
- Red (97%)
- Green (58%)
- Blue (69%)



- Red (97%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (40%)
- Yellow (28%)
- Black (3%)




- Cyan (3%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 247, 147, 177 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, 147, 177 by changing the saturation by 10% instead.

 247, 147, 177

 247, 147, 177

255, 255, 255

 217, 120, 150

 255, 202, 233

 188, 94, 125

 255, 231, 255

 160, 68, 100

 132, 43, 76


 105, 13, 53

 78, 0, 32

 54, 0, 8

 17, 0, 0

 0, 0, 0

 247, 147, 177


 247, 147, 177

 247, 122, 160

 247, 172, 194

 247, 98, 142

 247, 196, 212

 247, 73, 125

 247, 221, 229

 247, 48, 108

 247, 246, 246

 247, 23, 91

 247, 251, 255

 247, 0, 74

Harmonies

Analogous

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



225, 154, 214



247, 147, 177



248, 152, 140

Triad

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



247, 147, 177



111, 186, 136



42, 127, 242

Complementary

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



247, 147, 177



147, 206, 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.



0, 102, 214



247, 147, 177



115, 175, 193

Square

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



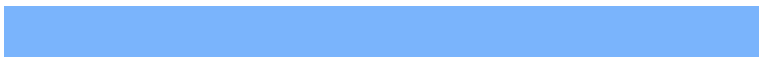
247, 147, 177



134, 200, 101



57, 132, 197



122, 162, 252

Rectangle

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



247, 147, 177



238, 176, 120



57, 132, 197



0, 106, 234

Sweetspot

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



247, 147, 177



255, 224, 234



217, 147, 247



128, 110, 115



0, 0, 0



128, 128, 128

Same Dimension

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



247, 147, 177



255, 130, 168



247, 172, 147



122, 110, 114



186, 0, 56



59, 0, 18

Inverse Universe

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



247, 147, 177



255, 130, 168



147, 191, 247



122, 110, 114



186, 0, 56



59, 0, 18

Previews

White Background



This preview shows how the RYB color 247, 147, 177 looks on a white background.

Color Contrast Check

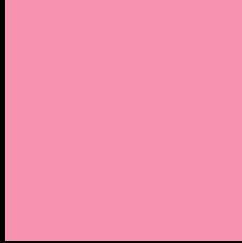
Large Text (above 18pt) WCAG AA × Fail

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, 147, 177 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, 147, 177 Background



This preview shows how black text looks on a background with the RYB color 247, 147, 177.

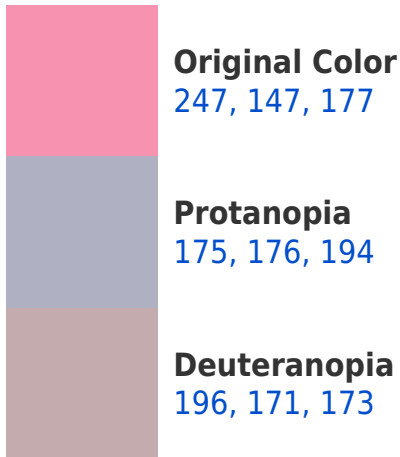


This preview shows how white text looks on a background with the RYB color 247, 147, 177.

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
245, 150, 161

Trichromacy



Original Color

247, 147, 177



Protanomaly

201, 165, 188



Deuteranomaly

215, 162, 174



Tritanomaly

246, 149, 167

Monochromacy



Original Color

247, 147, 177



Achromatopsia

180, 180, 180



Achromatomaly

204, 168, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 147, 177 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, 147, 177) looks like.

```
.text, #text, p{  
    color:rgb(247, 147, 177)  
}
```

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, 147, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 147, 177) }
```

Border

The CSS property to change the border of an element to RYB 247, 147, 177 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, 147, 177) }
```

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

```
.border{ border-color:rgb(247, 147, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 147, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 147, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 147, 177);  
box-shadow:4px 4px 4px 4px rgb(247, 147,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 247, 147, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 147, 177) }
```

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

```
.background{ background-color: rgb(247,  
147, 177) }
```

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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