

Converting Colors

`RYB(246, 165, 177)`

Have a look what the booklet for RYB(246, 165, 177) contains.

RYB(246, 165, 177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(246, 165, 177)

Conversions

Conversions Part 1

Format	Color
Hex	F6A5B1
RGB	246, 165, 177
RGB Percent	96%, 65%, 69%
CMY	0.0353, 0.3529, 0.3059
CMYK	0.00, 0.33, 0.28, 0.04
HSL	351°, 82%, 81%
HSV	351°, 33%, 96%
XYZ	59.3970, 49.6774, 48.0531
YIQ	190.5870, 44.4240, 20.9040

Conversions

Conversions Part 2

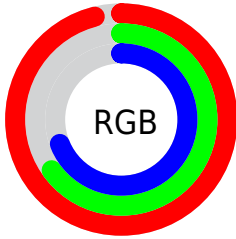
Format	Color
R _Y B	246, 165, 177
Decimal	16164273
CIE Lab	75.87, 31.48, 6.13
CIE LCh	76, 32.072, 11.013
Yxy	49.6774, 0.3780, 0.3162
Android (android.graphics.Color)	4294354353 (0xFF6A5B1)
YUV	190.5870, -6.6984, 48.5972
Hunter-Lab	70.4822, 27.0822, 8.9150

Details

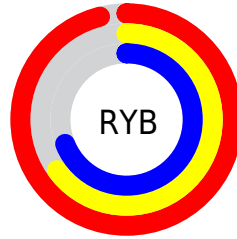
The RYB color **246, 165, 177** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **165, 209, 246**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 221, 233**, and **188, 112, 125** is the 20% darker color. If you saturate the color by 10%, you get **246, 140, 156**, and if you desaturate by 10%, it is **246, 190, 198**.

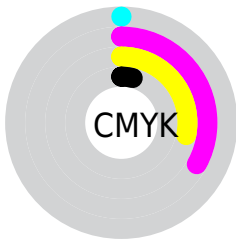
Distribution



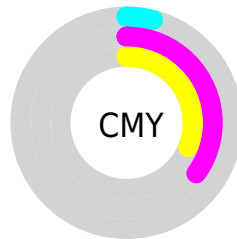
- Red (96%)
- Green (65%)
- Blue (69%)



- Red (96%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (33%)
- Yellow (28%)
- Black (4%)



- Cyan (4%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 246, 165, 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 246, 165, 177 by changing the saturation by 10% instead.

 246, 165, 177

 246, 165, 177

255, 255, 255

 217, 138, 150

 255, 221, 233

 188, 112, 125

 255, 249, 255

 160, 87, 100

 132, 62, 76

 106, 38, 53

 79, 13, 32

 55, 0, 8

 27, 0, 1

 0, 0, 0

■ 246, 165, 177

■ 246, 165, 177

■ 246, 140, 156

■ 246, 190, 198

■ 246, 116, 135

■ 246, 214, 219

■ 246, 91, 114

■ 246, 239, 240

■ 246, 67, 93

■ 246, 251, 255

■ 246, 42, 72

■ 246, 17, 51

■ 246, 0, 36

Harmonies

Analogous

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



234, 167, 207



246, 165, 177



242, 176, 150

Triad

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



246, 165, 177



142, 197, 175



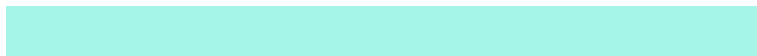
121, 167, 242

Complementary

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



246, 165, 177



165, 209, 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.



93, 152, 225



246, 165, 177



129, 177, 202

Square

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



246, 165, 177



138, 197, 129



100, 153, 203



165, 182, 245

Rectangle

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



246, 165, 177



232, 202, 136



100, 153, 203



109, 162, 238

Sweetspot

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



246, 165, 177



255, 230, 233



234, 165, 246



128, 112, 114



0, 0, 0



128, 128, 128

Same Dimension

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



246, 165, 177



255, 153, 168



246, 208, 165



122, 110, 112



186, 0, 28



59, 0, 9

Inverse Universe

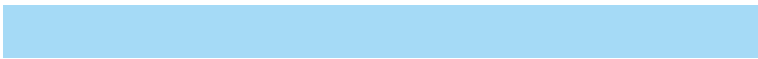
The Inverse Universe completely reimagines the original color for something new.



246, 165, 177



255, 153, 168



165, 197, 246



122, 110, 112



186, 0, 28



59, 0, 9

Previews

White Background



This preview shows how the RYB color 246, 165, 177 looks on a white background.

Color Contrast Check

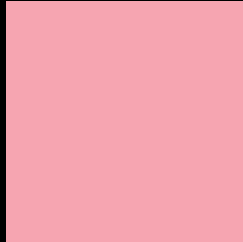
Large Text (above 18pt) WCAG AA × Fail

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 246, 165, 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 246, 165, 177 Background



This preview shows how black text looks on a background with the RYB color 246, 165, 177.

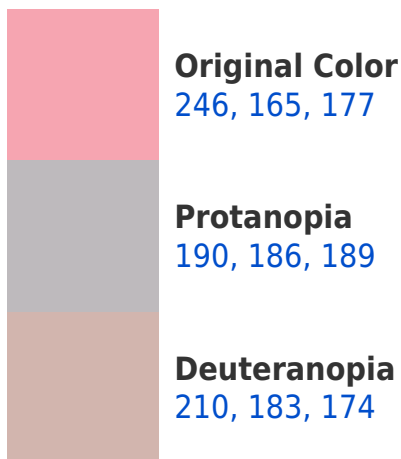



This preview shows how white text looks on a background with the RYB color 246, 165, 177.

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
246, 165, 177

Trichromacy



Original Color

246, 165, 177



Protanomaly

210, 178, 185



Deuteranomaly

223, 175, 175



Tritanomaly

246, 165, 177

Monochromacy



Original Color

246, 165, 177



Achromatopsia

191, 191, 191



Achromatomaly

211, 182, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 165, 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(246, 165, 177) looks like.

```
.text, #text, p{  
    color:rgb(246, 165, 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(246, 165, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 165, 177) }
```

Border

The CSS property to change the border of an element to RYB 246, 165, 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(246, 165, 177) }
```

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

```
.border{ border-color:rgb(246, 165, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 165, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 165, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 165, 177);  
box-shadow:4px 4px 4px 4px rgb(246, 165,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 246, 165, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 165, 177) }
```

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

```
.background{ background-color: rgb(246,  
165, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor