

Converting Colors

`RYB(249, 174, 187)`

Have a look what the booklet for RYB(249, 174, 187) contains.

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Color

R_YB(249, 174, 187)

Conversions

Conversions Part 1

Format	Color
Hex	F9AEBB
RGB	249, 174, 187
RGB Percent	98%, 68%, 73%
CMY	0.0235, 0.3176, 0.2667
CMYK	0.00, 0.30, 0.25, 0.02
HSL	350°, 86%, 83%
HSV	350°, 30%, 98%
XYZ	63.1726, 53.9997, 54.1071
YIQ	197.9070, 40.5270, 19.9430

Conversions

Conversions Part 2

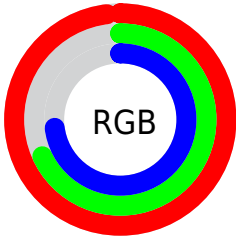
Format	Color
RYB	249, 174, 187
Decimal	16363195
CIELab	78.46, 29.19, 4.45
CIELCh	78, 29.524, 8.670
Yxy	53.9997, 0.3688, 0.3153
Android (android.graphics.Color)	4294553275 (0xFFFF9AEBB)
YUV	197.9070, -5.3772, 44.8086
Hunter-Lab	73.4845, 24.8537, 7.7835

Details

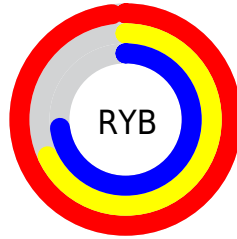
The RYB color **249, 174, 187** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **174, 215, 249**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 230, 243**, and **191, 121, 134** is the 20% darker color. If you saturate the color by 10%, you get **249, 149, 166**, and if you desaturate by 10%, it is **249, 199, 208**.

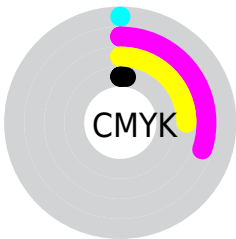
Distribution



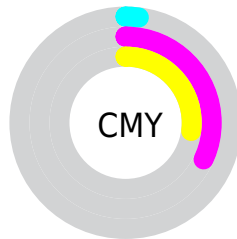
- Red (98%)
- Green (68%)
- Blue (73%)



- Red (98%)
- Yellow (68%)
- Blue (73%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (2%)



- Cyan (2%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 249, 174, 187 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 249, 174, 187 by changing the saturation by 10% instead.


 249, 174, 187


 249, 174, 187

255, 255, 255

 220, 147, 160


 255, 230, 243

 191, 121, 134

 163, 95, 109

 136, 71, 84

 109, 47, 61

 83, 23, 40


 58, 0, 19

 36, 0, 1

 0, 0, 0

 249, 174, 187

 249, 174, 187

 249, 149, 166


 249, 199, 208

 249, 124, 146

 249, 224, 228

 249, 99, 125

 249, 249, 249

 249, 74, 105

 249, 252, 255

 249, 50, 84

 249, 25, 63

 249, 0, 43

Harmonies

Analogous

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



236, 177, 215



249, 174, 187



247, 182, 161

Triad

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



249, 174, 187



151, 203, 178



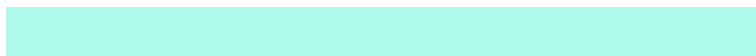
134, 176, 244

Complementary

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



249, 174, 187



174, 215, 249

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.



112, 164, 227



249, 174, 187



144, 188, 208

Square

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



249, 174, 187



153, 206, 140



118, 166, 210



171, 189, 248

Rectangle

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



249, 174, 187



238, 205, 148



118, 166, 210



124, 172, 240

Sweetspot

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



249, 174, 187



255, 232, 236



235, 174, 249



128, 113, 116



0, 0, 0



128, 128, 128

Same Dimension

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



249, 174, 187



255, 163, 179



249, 209, 174



125, 112, 115



189, 0, 33



61, 0, 11

Inverse Universe

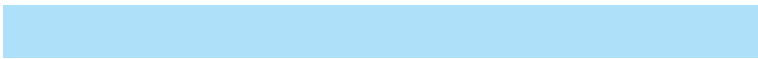
The Inverse Universe completely reimagines the original color for something new.



249, 174, 187



255, 163, 179



174, 204, 249



125, 112, 115



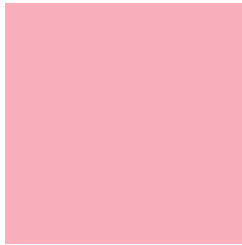
189, 0, 33



61, 0, 11

Previews

White Background



This preview shows how the RYB color 249, 174, 187 looks on a white background.

Color Contrast Check

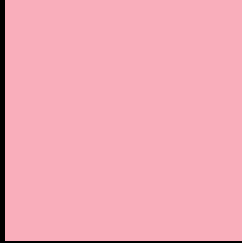
Large Text (above 18pt) WCAG AA × Fail

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 249, 174, 187 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 249, 174, 187 Background



This preview shows how black text looks on a background with the RYB color 249, 174, 187.

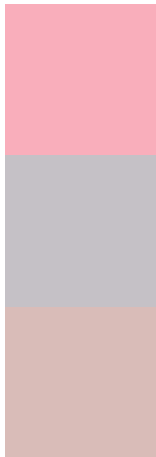


This preview shows how white text looks on a background with the RYB color 249, 174, 187.

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
249, 174, 187

Protanopia
197, 193, 198

Deuteranopia
217, 189, 184



Tritanopia
249, 174, 187

Trichromacy



Original Color

249, 174, 187



Protanomaly

216, 186, 194



Deuteranomaly

229, 183, 185



Tritanomaly

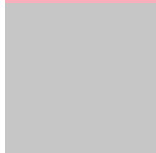
249, 174, 187

Monochromacy



Original Color

249, 174, 187



Achromatopsia

198, 198, 198



Achromatomaly

217, 189, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 174, 187 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(249, 174, 187)` looks like.

```
.text, #text, p{  
    color:rgb(249, 174, 187)  
}
```

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(249, 174, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 174, 187) }
```

Border

The CSS property to change the border of an element to RYB 249, 174, 187 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(249, 174, 187) }
```

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

```
.border{ border-color:rgb(249, 174, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 174, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 174, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 174, 187);  
box-shadow:4px 4px 4px 4px rgb(249, 174,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 249, 174, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 174, 187) }
```

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

```
.background{ background-color: rgb(249,  
174, 187) }
```

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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