

Converting Colors

`RYB(245, 170, 197)`

Have a look what the booklet for
RYB(245, 170, 197) contains.

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Color

R_YB(245, 170, 197)

Conversions

Conversions Part 1

Format	Color
Hex	F5AAC5
RGB	245, 170, 197
RGB Percent	96%, 67%, 77%
CMY	0.0392, 0.3333, 0.2275
CMYK	0.00, 0.31, 0.20, 0.04
HSL	338°, 79%, 81%
HSV	338°, 31%, 96%
XYZ	62.1090, 52.1931, 59.6241
YIQ	195.5030, 36.0330, 24.2970

Conversions

Conversions Part 2

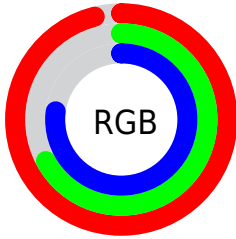
Format	Color
R _Y B	245, 170, 197
Decimal	16100037
CIE Lab	77.40, 31.32, -2.60
CIE LCh	77, 31.423, 355.259
Yxy	52.1931, 0.3571, 0.3001
Android (android.graphics.Color)	4294290117 (0xFFF5AAC5)
YUV	195.5030, 0.7380, 43.4089
Hunter-Lab	72.2448, 27.0282, 1.6390

Details

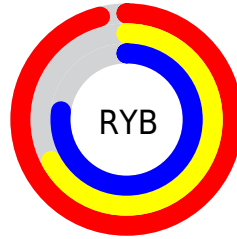
The RYB color **245, 170, 197** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **170, 216, 245**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 226, 254**, and **188, 117, 143** is the 20% darker color. If you saturate the color by 10%, you get **245, 146, 181**, and if you desaturate by 10%, it is **245, 195, 213**.

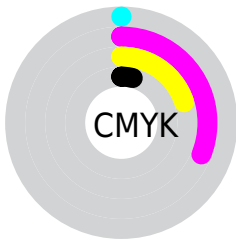
Distribution



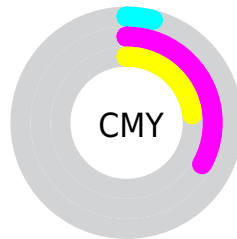
- Red (96%)
- Green (67%)
- Blue (77%)



- Red (96%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (31%)
- Yellow (20%)
- Black (4%)




- Cyan (4%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 170, 197 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 245, 170, 197 by changing the saturation by 10% instead.

 245, 170, 197


255, 255, 255

 255, 226, 254

 245, 170, 197


 216, 143, 170

 188, 117, 143

 160, 92, 118

 133, 67, 93

 106, 43, 70

 80, 19, 47

 56, 0, 27

 34, 0, 1

 0, 0, 0

■ 245, 170, 197

■ 245, 170, 197

■ 245, 146, 181

■ 245, 195, 213

■ 245, 121, 166

■ 245, 219, 228

■ 245, 97, 150

■ 245, 243, 244

■ 245, 72, 134

■ 245, 250, 255

■ 245, 48, 119

■ 245, 23, 103

■ 245, 0, 88

Harmonies

Analogous

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



224, 176, 225



245, 170, 197



250, 171, 168

Triad

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



245, 170, 197



138, 197, 149



111, 164, 238

Complementary

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



245, 170, 197



170, 216, 245

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.



100, 155, 215



245, 170, 197



153, 200, 204

Square

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



245, 170, 197



175, 216, 133



120, 170, 207



147, 180, 249

Rectangle

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



245, 170, 197



244, 183, 151



120, 170, 207



103, 160, 232

Sweetspot

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



245, 170, 197



255, 232, 240



218, 170, 245



128, 113, 119



0, 0, 0



128, 128, 128

Same Dimension

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



245, 170, 197



255, 161, 195



245, 182, 170



122, 110, 115



186, 0, 67



59, 0, 21

Inverse Universe

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



245, 170, 197



255, 161, 195



170, 205, 245



122, 110, 115



186, 0, 67



59, 0, 21

Previews

White Background



This preview shows how the RYB color 245, 170, 197 looks on a white background.

Color Contrast Check

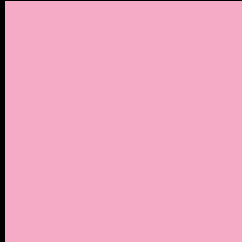
Large Text (above 18pt) WCAG AA × Fail

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 245, 170, 197 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 245, 170, 197 Background



This preview shows how black text looks on a background with the RYB color 245, 170, 197.

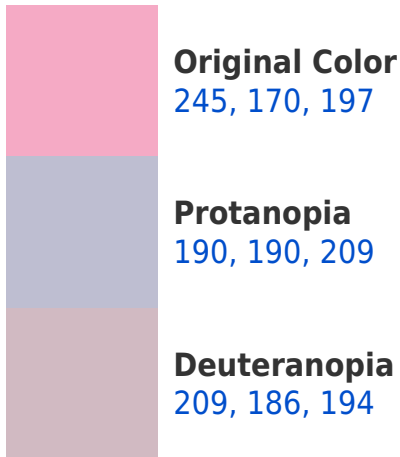


This preview shows how white text looks on a background with the RYB color 245, 170, 197.

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, 172, 185

Trichromacy



Original Color

245, 170, 197



Protanomaly

210, 183, 205



Deuteranomaly

222, 180, 195



Tritanomaly

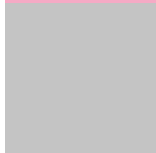
244, 171, 189

Monochromacy



Original Color

245, 170, 197



Achromatopsia

196, 196, 196



Achromatomaly

214, 187, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 170, 197 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(245, 170, 197) looks like.

```
.text, #text, p{  
    color:rgb(245, 170, 197)  
}
```

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(245, 170, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 170, 197) }
```

Border

The CSS property to change the border of an element to RYB 245, 170, 197 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(245, 170, 197) }
```

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

```
.border{ border-color:rgb(245, 170, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 170, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 170, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 170, 197);  
box-shadow:4px 4px 4px 4px rgb(245, 170,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 245, 170, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 170, 197) }
```

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

```
.background{ background-color: rgb(245,  
170, 197) }
```

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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