

Converting Colors

`RYB(245, 183, 195)`

Have a look what the booklet for
RYB(245, 183, 195) contains.

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Color

R_YB(245, 183, 195)

Conversions

Conversions Part 1

Format	Color
Hex	F5B7C3
RGB	245, 183, 195
RGB Percent	96%, 72%, 76%
CMY	0.0392, 0.2824, 0.2353
CMYK	0.00, 0.25, 0.20, 0.04
HSL	348°, 76%, 84%
HSV	348°, 25%, 96%
XYZ	64.4400, 57.2196, 59.2779
YIQ	202.9060, 33.1000, 16.8760

Conversions

Conversions Part 2

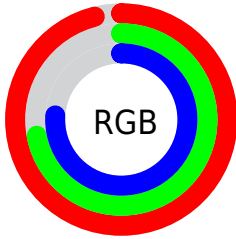
Format	Color
R _Y B	245, 183, 195
Decimal	16103363
CIE Lab	80.30, 24.15, 2.73
CIE LCh	80, 24.302, 6.454
Yxy	57.2196, 0.3561, 0.3162
Android (android.graphics.Color)	4294293443 (0xFFFF5B7C3)
YUV	202.9060, -3.8977, 36.9164
Hunter-Lab	75.6436, 19.6859, 6.4881

Details

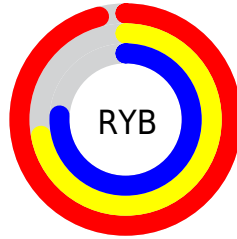
The RYB color **245, 183, 195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **183, 217, 245**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 239, 251**, and **188, 130, 141** is the 20% darker color. If you saturate the color by 10%, you get **245, 159, 175**, and if you desaturate by 10%, it is **245, 208, 215**.

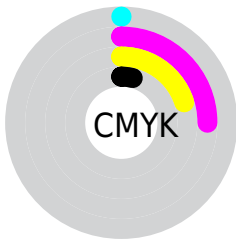
Distribution



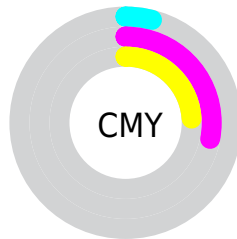
- Red (96%)
- Green (72%)
- Blue (76%)



- Red (96%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (25%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 183, 195 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, 183, 195 by changing the saturation by 10% instead.

 245, 183, 195

255, 255, 255

 255, 239, 251

 245, 183, 195

 216, 156, 168

 188, 130, 141

 160, 104, 116

 133, 80, 91

 107, 56, 68

 82, 33, 46

 57, 10, 25

 38, 0, 1

 0, 0, 0

 245, 183, 195


 245, 183, 195

 245, 159, 175

 245, 208, 215

 245, 134, 155

 245, 232, 235

 245, 110, 136

 245, 250, 255

 245, 85, 116

 245, 250, 255

 245, 60, 96

 245, 36, 76

 245, 12, 57

 245, 0, 47

Harmonies

Analogous

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



233, 185, 218



245, 183, 195



244, 187, 173

Triad

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



245, 183, 195



162, 206, 182



151, 185, 240

Complementary

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



245, 183, 195



183, 217, 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.



136, 177, 225



245, 183, 195



161, 197, 211

Square

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



245, 183, 195



169, 211, 154



141, 179, 212



179, 195, 244

Rectangle

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



245, 183, 195



237, 204, 162



141, 179, 212



144, 182, 236

Sweetspot

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



245, 183, 195



255, 235, 239



233, 183, 245



128, 115, 117



0, 0, 0



128, 128, 128

Same Dimension

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



245, 183, 195



255, 179, 193



245, 210, 183



122, 110, 113



186, 0, 36



59, 0, 11

Inverse Universe

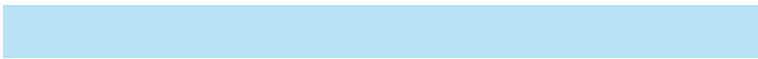
The Inverse Universe completely reimagines the original color for something new.



245, 183, 195



255, 179, 193



183, 208, 245



122, 110, 113



186, 0, 36



59, 0, 11

Previews

White Background



This preview shows how the RYB color 245, 183, 195 looks on a white background.

Color Contrast Check

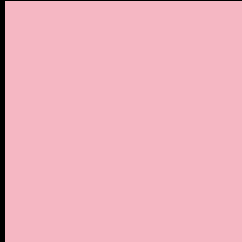
Large Text (above 18pt) WCAG AA × Fail

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, 183, 195 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, 183, 195 Background



This preview shows how black text looks on a background with the RYB color 245, 183, 195.



This preview shows how white text looks on a background with the RYB color 245, 183, 195.

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
245, 183, 195

Protanopia
202, 198, 204

Deuteranopia
221, 193, 193



Tritanopia
245, 183, 197

Trichromacy



Original Color

245, 183, 195



Protanomaly

218, 193, 201



Deuteranomaly

230, 189, 194



Tritanomaly

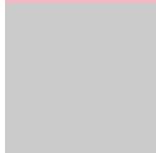
245, 183, 196

Monochromacy



Original Color

245, 183, 195



Achromatopsia

203, 203, 203



Achromatomaly

218, 196, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 183, 195 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, 183, 195) looks like.

```
.text, #text, p{  
    color:rgb(245, 183, 195)  
}
```

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, 183, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 183, 195) }
```

Border

The CSS property to change the border of an element to RYB 245, 183, 195 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, 183, 195) }
```

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

```
.border{ border-color:rgb(245, 183, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 183, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 183, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 183, 195);  
box-shadow:4px 4px 4px 4px rgb(245, 183,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 245, 183, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 183, 195) }
```

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

```
.background{ background-color: rgb(245,  
183, 195) }
```

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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