

Converting Colors

`RYB(240, 183, 187)`

Have a look what the booklet for RYB(240, 183, 187) contains.

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Color

R_YB(240, 183, 187)

Conversions

Conversions Part 1

Format	Color
Hex	F0B7BB
RGB	240, 183, 187
RGB Percent	94%, 72%, 73%
CMY	0.0588, 0.2824, 0.2667
CMYK	0.00, 0.24, 0.22, 0.06
HSL	356°, 66%, 83%
HSV	356°, 24%, 94%
XYZ	61.8383, 55.9801, 54.5597
YIQ	200.4990, 32.6880, 13.3280

Conversions

Conversions Part 2

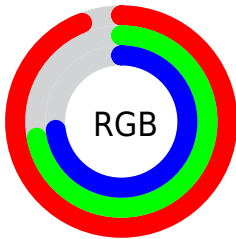
Format	Color
R _Y B	240, 183, 187
Decimal	15775675
CIE Lab	79.60, 21.17, 5.98
CIE LCh	80, 22.002, 15.763
Yxy	55.9801, 0.3587, 0.3248
Android (android.graphics.Color)	4293965755 (0xFFFF0B7BB)
YUV	200.4990, -6.6550, 34.6424
Hunter-Lab	74.8198, 16.5948, 9.1388

Details

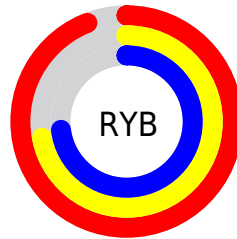
The RYB color **240, 183, 187** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **183, 213, 240**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 239, 243**, and **183, 130, 134** is the 20% darker color. If you saturate the color by 10%, you get **240, 159, 165**, and if you desaturate by 10%, it is **240, 207, 209**.

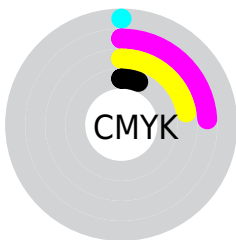
Distribution



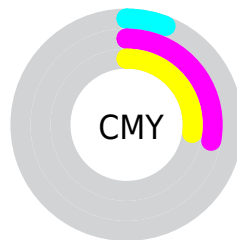
- Red (94%)
- Green (72%)
- Blue (73%)



- Red (94%)
- Yellow (72%)
- Blue (73%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (6%)



- Cyan (6%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 183, 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 240, 183, 187 by changing the saturation by 10% instead.

 240, 183, 187

255, 255, 255

 255, 239, 243

 240, 183, 187

 211, 156, 160

 183, 130, 134

 156, 104, 109

 129, 80, 84

 103, 56, 61

 78, 34, 40

 53, 12, 19

 33, 0, 1

 0, 0, 0

■ 240, 183, 187

■ 240, 183, 187

■ 240, 159, 165

■ 240, 207, 209

■ 240, 135, 142

■ 240, 231, 232

■ 240, 111, 120

■ 240, 248, 255

■ 240, 87, 98

■ 240, 248, 255

■ 240, 63, 75

■ 240, 39, 53

■ 240, 15, 31

■ 240, 0, 17

Harmonies

Analogous

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



232, 184, 208



240, 183, 187



236, 192, 169

Triad

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



240, 183, 187



168, 205, 195



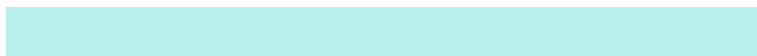
162, 188, 236

Complementary

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



240, 183, 187



183, 213, 240

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.



144, 180, 226



240, 183, 187



156, 189, 208

Square

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



240, 183, 187



161, 202, 158



143, 176, 209



188, 194, 236

Rectangle

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



240, 183, 187



228, 214, 160



143, 176, 209



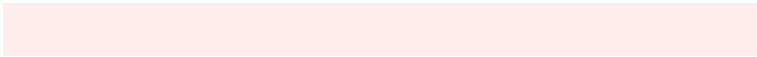
154, 185, 234

Sweetspot

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



240, 183, 187



255, 237, 238



235, 183, 240



128, 117, 118



0, 0, 0



128, 128, 128

Same Dimension

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



240, 183, 187



255, 181, 186



240, 224, 183



120, 108, 109



184, 0, 13



56, 0, 4

Inverse Universe

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



240, 183, 187



255, 181, 186



183, 204, 240



120, 108, 109



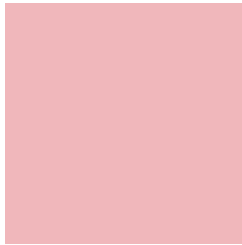
184, 0, 13



56, 0, 4

Previews

White Background



This preview shows how the RYB color 240, 183, 187 looks on a white background.

Color Contrast Check

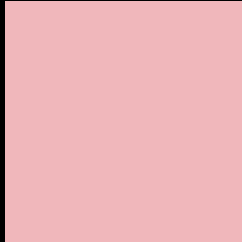
Large Text (above 18pt) WCAG AA × Fail

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 240, 183, 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 240, 183, 187 Background



This preview shows how black text looks on a background with the RYB color 240, 183, 187.



This preview shows how white text looks on a background with the RYB color 240, 183, 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
240, 183, 187

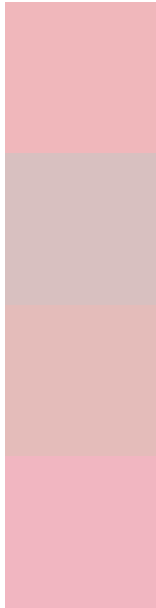
Protanopia
202, 198, 195

Deuteranopia
221, 192, 186



Tritanopia
241, 182, 196

Trichromacy



Original Color
240, 183, 187

Protanomaly
216, 192, 192

Deuteranomaly
228, 188, 186

Tritanomaly
241, 182, 193

Monochromacy



Original Color
240, 183, 187

Achromatopsia
200, 200, 200

Achromatomaly
215, 194, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 183, 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(240, 183, 187) looks like.

```
.text, #text, p{  
    color:rgb(240, 183, 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(240, 183, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 183, 187) }
```

Border

The CSS property to change the border of an element to RYB 240, 183, 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(240, 183, 187) }
```

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

```
.border{ border-color:rgb(240, 183, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 183, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 183, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 183, 187);  
box-shadow:4px 4px 4px 4px rgb(240, 183,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 240, 183, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 183, 187) }
```

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

```
.background{ background-color: rgb(240,  
183, 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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