

Converting Colors

`RYB(240, 175, 186)`

Have a look what the booklet for RYB(240, 175, 186) contains.

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Color

R_YB(240, 175, 186)

Conversions

Conversions Part 1

Format	Color
Hex	F0AFBA
RGB	240, 175, 186
RGB Percent	94%, 69%, 73%
CMY	0.0588, 0.3137, 0.2706
CMYK	0.00, 0.27, 0.23, 0.06
HSL	350°, 68%, 81%
HSV	350°, 27%, 94%
XYZ	60.1281, 52.7304, 53.4633
YIQ	195.6890, 35.2090, 17.2010

Conversions

Conversions Part 2

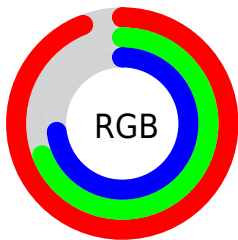
Format	Color
R _Y B	240, 175, 186
Decimal	15773626
CIE _{Lab}	77.72, 25.28, 3.79
CIE _{LCh}	78, 25.560, 8.538
Yxy	52.7304, 0.3615, 0.3170
Android (android.graphics.Color)	4293963706 (0xFFFF0AFBA)
YUV	195.6890, -4.7767, 38.8607
Hunter-Lab	72.6157, 20.7262, 7.1787

Details

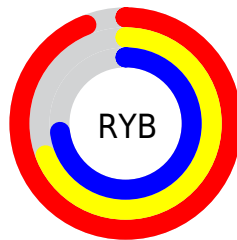
The RYB color **240, 175, 186** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **175, 211, 240**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 231, 242**, and **183, 122, 133** is the 20% darker color. If you saturate the color by 10%, you get **240, 151, 166**, and if you desaturate by 10%, it is **240, 199, 206**.

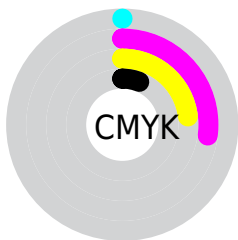
Distribution



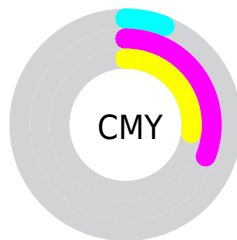
- Red (94%)
- Green (69%)
- Blue (73%)



- Red (94%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (27%)
- Yellow (23%)
- Black (6%)





- Cyan (6%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 175, 186 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, 175, 186 by changing the saturation by 10% instead.

 240, 175, 186

 240, 175, 186

255, 255, 255

 211, 148, 159

 255, 231, 242

 183, 122, 133

 155, 97, 108

 128, 72, 84

 102, 49, 61

 77, 26, 39

 52, 3, 18

 29, 0, 1

 0, 0, 0

■ 240, 175, 186

■ 240, 175, 186

■ 240, 151, 166

■ 240, 199, 206

■ 240, 127, 146

■ 240, 223, 226

■ 240, 103, 126

■ 240, 244, 247

■ 240, 79, 106

■ 240, 248, 255

■ 240, 55, 86

■ 240, 31, 66

■ 240, 7, 46

■ 240, 0, 41

Harmonies

Analogous

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



228, 177, 210



240, 175, 186



238, 181, 164

Triad

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



240, 175, 186



155, 200, 179



142, 177, 235

Complementary

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



240, 175, 186



175, 211, 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.



125, 168, 221



240, 175, 186



150, 187, 204

Square

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



240, 175, 186



157, 203, 145



129, 170, 206



173, 188, 239

Rectangle

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



240, 175, 186



230, 201, 152



129, 170, 206



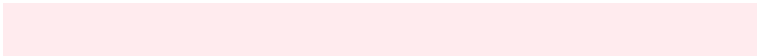
134, 174, 232

Sweetspot

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



240, 175, 186



255, 235, 238



228, 175, 240



128, 115, 117



0, 0, 0



128, 128, 128

Same Dimension

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



240, 175, 186



255, 171, 185



240, 206, 175



120, 108, 110



184, 0, 31



56, 0, 9

Inverse Universe

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



240, 175, 186



255, 171, 185



175, 201, 240



120, 108, 110



184, 0, 31



56, 0, 9

Previews

White Background



This preview shows how the RYB color 240, 175, 186 looks on a white background.

Color Contrast Check

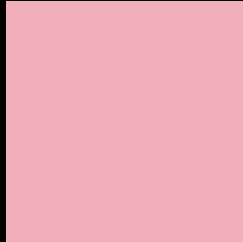
Large Text (above 18pt) WCAG AA × Fail

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, 175, 186 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, 175, 186 Background



This preview shows how black text looks on a background with the RYB color 240, 175, 186.



This preview shows how white text looks on a background with the RYB color 240, 175, 186.

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, 175, 186

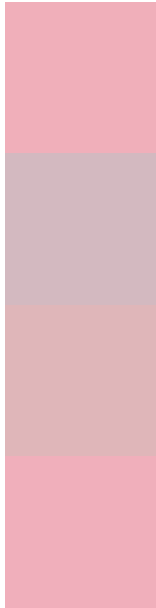
Protanopia
195, 191, 195

Deuteranopia
214, 186, 184



Tritanopia
240, 175, 188

Trichromacy



Original Color

240, 175, 186

Protanomaly

211, 185, 192

Deuteranomaly

223, 182, 185

Tritanomaly

240, 175, 187

Monochromacy



Original Color

240, 175, 186

Achromatopsia

196, 196, 196

Achromatomaly

212, 188, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 175, 186 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, 175, 186)` looks like.

```
.text, #text, p{  
    color:rgb(240, 175, 186)  
}
```

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, 175, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 175, 186) }
```

Border

The CSS property to change the border of an element to RYB 240, 175, 186 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, 175, 186) }
```

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

```
.border{ border-color:rgb(240, 175, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 175, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 175, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 175, 186);  
box-shadow:4px 4px 4px 4px rgb(240, 175,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 240, 175, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 175, 186) }
```

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

```
.background{ background-color: rgb(240,  
175, 186) }
```

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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