

Converting Colors

`RYB(240, 174, 245)`

Have a look what the booklet for
RYB(240, 174, 245) contains.

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Color

R_YB(240, 174, 245)

Conversions

Conversions Part 1

Format	Color
Hex	F0AEF5
RGB	240, 174, 245
RGB Percent	94%, 68%, 96%
CMY	0.0588, 0.3176, 0.0392
CMYK	0.02, 0.29, 0.00, 0.04
HSL	296°, 78%, 82%
HSV	296°, 29%, 96%
XYZ	67.5527, 55.3899, 93.5171
YIQ	201.8280, 16.5450, 36.0730

Conversions

Conversions Part 2

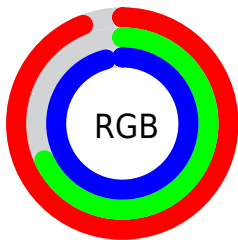
Format	Color
R_{YB}	240, 174, 245
Decimal	15773429
CIE _{Lab}	79.27, 35.58, -25.86
CIE _{LCh}	79, 43.987, 323.991
Yxy	55.3899, 0.3121, 0.2559
Android (android.graphics.Color)	4293963509 (0xFFFF0AEF5)
YUV	201.8280, 21.2838, 33.4768
Hunter-Lab	74.4244, 31.7760, -22.4030

Details

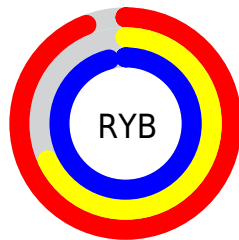
The RYB color `240, 174, 245` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `174, 245, 240`, and the grayscale version is `202, 202, 202`.

A 20% lighter version of the original color is `255, 230, 255`, and `183, 121, 189` is the 20% darker color. If you saturate the color by 10%, you get `238, 150, 245`, and if you desaturate by 10%, it is `242, 199, 245`.

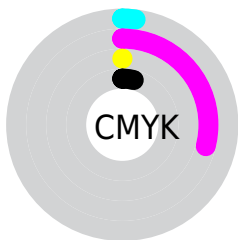
Distribution



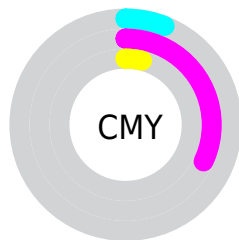
- Red (94%)
- Green (68%)
- Blue (96%)



- Red (94%)
- Yellow (68%)
- Blue (96%)



- Cyan (2%)
- Magenta (29%)
- Yellow (0%)
- Black (4%)





- Cyan (6%)
- Magenta (32%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 174, 245 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, 174, 245 by changing the saturation by 10% instead.

 240, 174, 245

 240, 174, 245

255, 255, 255

 211, 147, 216

 255, 230, 255

 183, 121, 189

 156, 95, 161

 129, 70, 135

 103, 46, 110


 78, 21, 85

 53, 0, 61

 34, 0, 40


 0, 1, 17

 240, 174, 245

 240, 174, 245

 238, 150, 245


 242, 199, 245

 237, 125, 245


 243, 223, 245

 235, 101, 245


 245, 248, 248

 233, 76, 245

 245, 255, 253

 231, 51, 245

 245, 255, 251

 230, 27, 245

 245, 255, 250

 228, 2, 245

 245, 255, 248

 228, 0, 245

 245, 255, 246

 245, 255, 245

Harmonies

Analogous

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



189, 189, 255



240, 174, 245



255, 165, 206

Triad

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



240, 174, 245



173, 230, 114



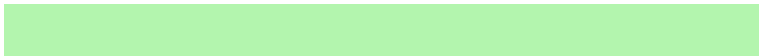
0, 111, 228

Complementary

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



240, 174, 245



174, 245, 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.



84, 160, 218



240, 174, 245



120, 204, 135

Square

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



240, 174, 245



255, 204, 131



142, 208, 213



26, 129, 255

Rectangle

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



240, 174, 245



255, 164, 178



142, 208, 213



30, 125, 218

Sweetspot

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



240, 174, 245



253, 232, 255



174, 180, 245



127, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



240, 174, 245



249, 166, 255



245, 174, 215



122, 110, 122



173, 0, 186



55, 0, 59

Inverse Universe

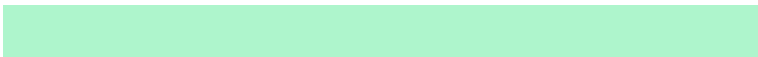
The Inverse Universe completely reimagines the original color for something new.



245, 174, 179



255, 166, 172



174, 224, 245



122, 110, 111



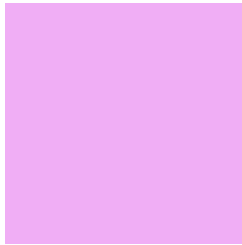
186, 0, 13



59, 0, 4

Previews

White Background



This preview shows how the RYB color 240, 174, 245 looks on a white background.

Color Contrast Check

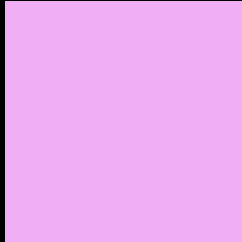
Large Text (above 18pt) WCAG AA × Fail

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, 174, 245 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, 174, 245 Background



This preview shows how black text looks on a background with the RYB color 240, 174, 245.




This preview shows how white text looks on a background with the RYB color 240, 174, 245.

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
233, 183, 197

Trichromacy



Original Color

240, 174, 245



Protanomaly

202, 187, 251



Deuteranomaly

210, 186, 242



Tritanomaly

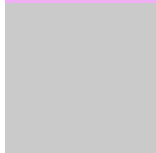
236, 180, 214

Monochromacy



Original Color

240, 174, 245



Achromatopsia

202, 202, 202



Achromatomaly

216, 192, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 174, 245 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, 174, 245) looks like.

```
.text, #text, p{  
    color:rgb(240, 174, 245)  
}
```

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, 174, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 174, 245) }
```

Border

The CSS property to change the border of an element to RYB 240, 174, 245 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, 174, 245) }
```

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

```
.border{ border-color:rgb(240, 174, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 174, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 174, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 174, 245);  
box-shadow:4px 4px 4px 4px rgb(240, 174,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 240, 174, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 174, 245) }
```

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

```
.background{ background-color: rgb(240,  
174, 245) }
```

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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