

Converting Colors

`RYB(243, 174, 242)`

Have a look what the booklet for
RYB(243, 174, 242) contains.

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Color

R_YB(243, 174, 242)

Conversions

Conversions Part 1

Format	Color
Hex	F3AEF2
RGB	243, 174, 242
RGB Percent	95%, 68%, 95%
CMY	0.0471, 0.3176, 0.0510
CMYK	0.00, 0.28, 0.00, 0.05
HSL	301°, 74%, 82%
HSV	301°, 28%, 95%
XYZ	68.1252, 55.7376, 91.1722
YIQ	202.3830, 19.2960, 35.7760

Conversions

Conversions Part 2

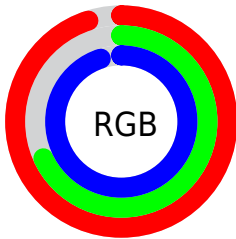
Format	Color
R _Y B	243, 174, 242
Decimal	15970034
CIE Lab	79.46, 35.98, -23.91
CIE LCh	79, 43.204, 326.391
Yxy	55.7376, 0.3168, 0.2592
Android (android.graphics.Color)	4294160114 (0xFFFF3AEF2)
YUV	202.3830, 19.5312, 35.6211
Hunter-Lab	74.6576, 32.2308, -20.1449

Details

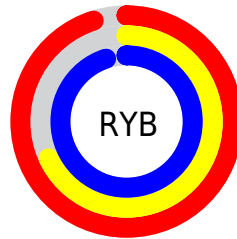
The RYB color **243, 174, 242** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **174, 242, 243**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 230, 255**, and **186, 121, 186** is the 20% darker color. If you saturate the color by 10%, you get **243, 150, 242**, and if you desaturate by 10%, it is **243, 198, 242**.

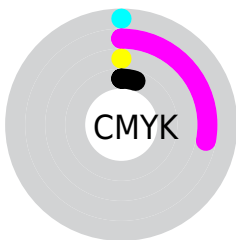
Distribution



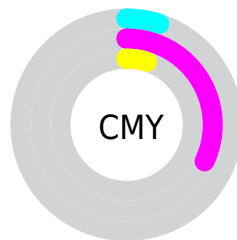
- Red (95%)
- Green (68%)
- Blue (95%)



- Red (95%)
- Yellow (68%)
- Blue (95%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (32%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 243, 174, 242 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 243, 174, 242 by changing the saturation by 10% instead.


 243, 174, 242


 243, 174, 242


255, 255, 255

 214, 147, 214

 255, 230, 255

 186, 121, 186

 158, 95, 159

 131, 70, 132

 105, 46, 107

 80, 21, 83

 55, 0, 59

 36, 0, 38

 0, 1, 14

 243, 174, 242

 243, 174, 242

 243, 150, 242


 243, 198, 242

 243, 125, 241


 243, 223, 243

 243, 101, 241


 243, 247, 247

 243, 77, 241

 243, 255, 255

 243, 52, 240

 243, 254, 255

 243, 28, 240

 243, 253, 255

 243, 4, 240

 243, 0, 239

Harmonies

Analogous

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



194, 188, 255



243, 174, 242



255, 166, 203

Triad

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



243, 174, 242



167, 228, 116



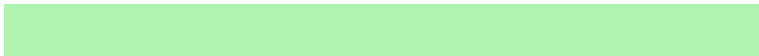
0, 112, 231

Complementary

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



243, 174, 242



174, 242, 243

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.



83, 158, 218



243, 174, 242



123, 205, 141

Square

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



243, 174, 242



255, 209, 131



139, 204, 214



48, 140, 255

Rectangle

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



243, 174, 242



255, 166, 176



139, 204, 214



35, 127, 218

Sweetspot

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



243, 174, 242



255, 232, 255



174, 174, 243



128, 113, 127



0, 0, 0



128, 128, 128

Same Dimension

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



243, 174, 242



255, 168, 254



243, 174, 208



122, 110, 122



186, 0, 183



59, 0, 58

Inverse Universe

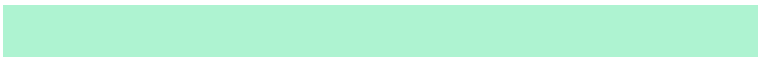
The Inverse Universe completely reimagines the original color for something new.



243, 174, 242



255, 168, 254



174, 220, 243



122, 110, 122



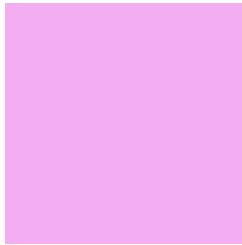
186, 0, 183



59, 0, 58

Previews

White Background



This preview shows how the RYB color 243, 174, 242 looks on a white background.

Color Contrast Check

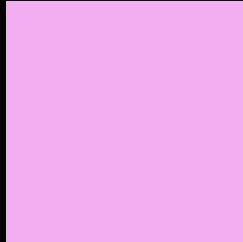
Large Text (above 18pt) WCAG AA × Fail

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 243, 174, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

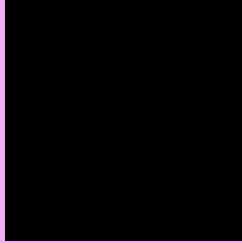
Any Text WCAG AA ✓ Pass

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 243, 174, 242 Background



This preview shows how black text looks on a background with the RYB color 243, 174, 242.

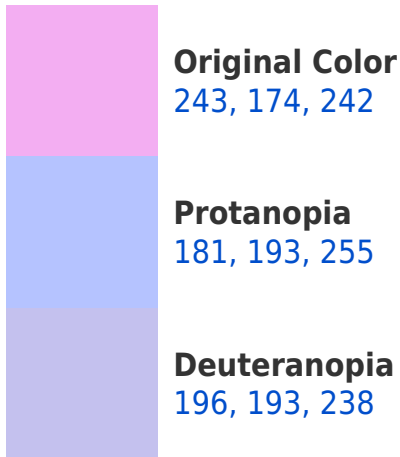



This preview shows how white text looks on a background with the RYB color 243, 174, 242.

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
237, 183, 197

Trichromacy



Original Color

243, 174, 242



Protanomaly

204, 187, 250



Deuteranomaly

213, 186, 239



Tritanomaly

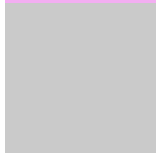
239, 180, 213

Monochromacy



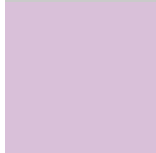
Original Color

243, 174, 242



Achromatopsia

202, 202, 202



Achromatomaly

217, 192, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 174, 242 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(243, 174, 242) looks like.

```
.text, #text, p{  
    color:rgb(243, 174, 242)  
}
```

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(243, 174, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 174, 242) }
```

Border

The CSS property to change the border of an element to RYB 243, 174, 242 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(243, 174, 242) }
```

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

```
.border{ border-color:rgb(243, 174, 242) }
```

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

Here you see how a box with a 4 pixel rgb(243, 174, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 174, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 174, 242);  
box-shadow:4px 4px 4px 4px rgb(243, 174,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 243, 174, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 174, 242) }
```

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

```
.background{ background-color: rgb(243,  
174, 242) }
```

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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