

Converting Colors

`RYB(243, 175, 254)`

Have a look what the booklet for
RYB(243, 175, 254) contains.

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Color

R_YB(243, 175, 254)

Conversions

Conversions Part 1

Format	Color
Hex	F3AFFE
RGB	243, 175, 254
RGB Percent	95%, 69%, 100%
CMY	0.0471, 0.3137, 0.0039
CMYK	0.04, 0.31, 0.00, 0.00
HSL	292°, 98%, 84%
HSV	292°, 31%, 100%
XYZ	70.1815, 56.8704, 101.0440
YIQ	204.3380, 15.1690, 38.9850

Conversions

Conversions Part 2

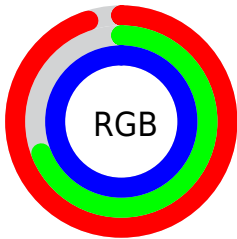
Format	Color
R_{YB}	243, 175, 254
Decimal	15970302
CIE _{Lab}	80.11, 37.67, -29.38
CIE _{LCh}	80, 47.773, 322.049
Yxy	56.8704, 0.3077, 0.2493
Android (android.graphics.Color)	4294160382 (0xFFFF3AFFE)
YUV	204.3380, 24.4834, 33.9066
Hunter-Lab	75.4125, 34.1466, -26.6531

Details

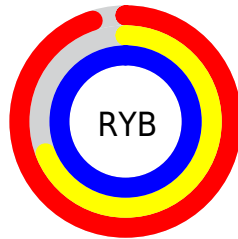
The RYB color **243, 175, 254** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **175, 254, 243**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 231, 255**, and **186, 121, 197** is the 20% darker color. If you saturate the color by 10%, you get **239, 150, 254**, and if you desaturate by 10%, it is **247, 200, 254**.

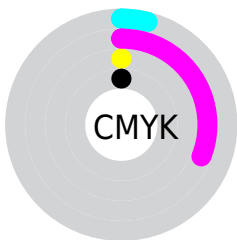
Distribution



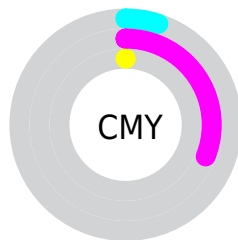
- Red (95%)
- Green (69%)
- Blue (100%)



- Red (95%)
- Yellow (69%)
- Blue (100%)



- Cyan (4%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 243, 175, 254 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, 175, 254 by changing the saturation by 10% instead.

 243, 175, 254

 243, 175, 254


255, 255, 255

 214, 148, 225

 255, 231, 255

 186, 121, 197

 158, 96, 170

 131, 71, 143

 105, 46, 117

 80, 21, 92

 55, 0, 68

 36, 0, 46

 0, 1, 24

■ 243, 175, 254

■ 243, 175, 254

■ 239, 150, 254

■ 247, 200, 254

■ 236, 124, 254

■ 250, 226, 254

■ 232, 99, 254

■ 254, 251, 254

■ 229, 73, 254

254, 255, 254

■ 225, 48, 254

■ 222, 23, 254

■ 219, 0, 254

Harmonies

Analogous

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



185, 191, 255



243, 175, 254



255, 164, 212

Triad

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



243, 175, 254



178, 237, 109



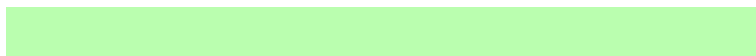
0, 113, 231

Complementary

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



243, 175, 254



175, 254, 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.



75, 158, 221



243, 175, 254



114, 206, 126

Square

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



243, 175, 254



255, 203, 130



142, 216, 216



0, 117, 255

Rectangle

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



243, 175, 254



255, 163, 182



142, 216, 216



0, 113, 222

Sweetspot

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



243, 175, 254



252, 232, 255



175, 185, 254



126, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



243, 175, 254



242, 161, 255



254, 175, 226



126, 115, 128



165, 0, 191



55, 0, 64

Inverse Universe

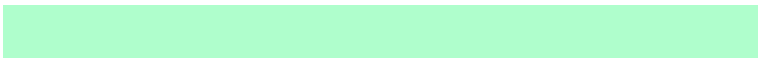
The Inverse Universe completely reimagines the original color for something new.



254, 175, 186



255, 161, 174



175, 233, 254



128, 115, 117



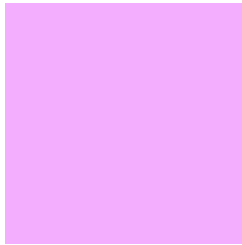
191, 0, 27



64, 0, 9

Previews

White Background



This preview shows how the RYB color 243, 175, 254 looks on a white background.

Color Contrast Check

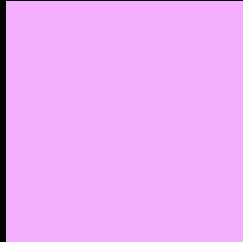
Large Text (above 18pt) WCAG AA × Fail

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, 175, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

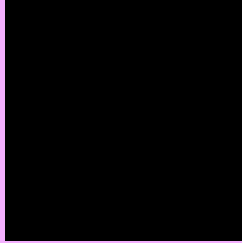
Any Text WCAG AA ✓ Pass

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, 175, 254 Background



This preview shows how black text looks on a background with the RYB color 243, 175, 254.

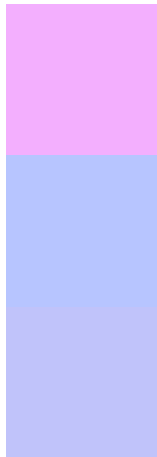


This preview shows how white text looks on a background with the RYB color 243, 175, 254.

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
243, 175, 254

Protanopia
183, 195, 255

Deuteranopia
192, 195, 250



Tritanopia
235, 186, 200

Trichromacy



Original Color

243, 175, 254



Protanomaly

205, 189, 255



Deuteranomaly

211, 188, 251



Tritanomaly

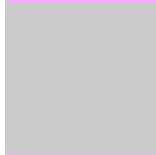
238, 182, 220

Monochromacy



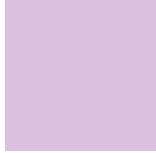
Original Color

243, 175, 254



Achromatopsia

204, 204, 204



Achromatomaly

218, 193, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 175, 254 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, 175, 254) looks like.

```
.text, #text, p{  
    color:rgb(243, 175, 254)  
}
```

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, 175, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 175, 254) }
```

Border

The CSS property to change the border of an element to RYB 243, 175, 254 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, 175, 254) }
```

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

```
.border{ border-color:rgb(243, 175, 254) }
```

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

Here you see how a box with a 4 pixel rgb(243, 175, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 175, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 175, 254);  
box-shadow:4px 4px 4px 4px rgb(243, 175,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 243, 175, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 175, 254) }
```

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

```
.background{ background-color: rgb(243,  
175, 254) }
```

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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