

Converting Colors

`RYB(243, 195, 240)`

Have a look what the booklet for
RYB(243, 195, 240) contains.

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Color

R_YB(243, 195, 240)

Conversions

Conversions Part 1

Format	Color
Hex	F3C3F0
RGB	243, 195, 240
RGB Percent	95%, 76%, 94%
CMY	0.0471, 0.2353, 0.0588
CMYK	0.00, 0.20, 0.01, 0.05
HSL	304°, 67%, 86%
HSV	304°, 20%, 95%
XYZ	72.2054, 64.3762, 91.0583
YIQ	214.4820, 14.1630, 24.1710

Conversions

Conversions Part 2

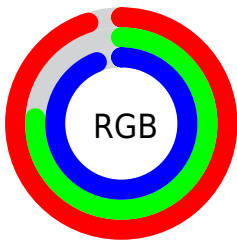
Format	Color
R_{YB}	243, 195, 240
Decimal	15975408
CIE _{Lab}	84.16, 24.50, -15.74
CIE _{LCh}	84, 29.117, 327.281
Yxy	64.3762, 0.3172, 0.2828
Android (android.graphics.Color)	4294165488 (0xFFFF3C3F0)
YUV	214.4820, 12.5804, 25.0103
Hunter-Lab	80.2348, 20.2261, -11.1238

Details

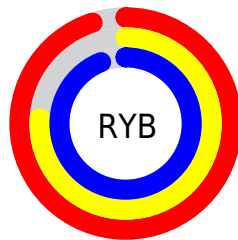
The RYB color **243, 195, 240** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **195, 240, 243**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 252, 255**, and **186, 141, 184** is the 20% darker color. If you saturate the color by 10%, you get **243, 171, 238**, and if you desaturate by 10%, it is **243, 219, 242**.

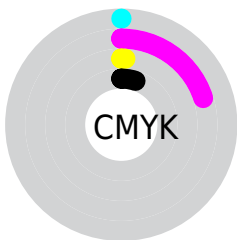
Distribution



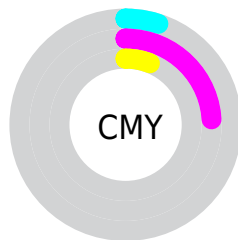
- Red (95%)
- Green (76%)
- Blue (94%)



- Red (95%)
- Yellow (76%)
- Blue (94%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the RYB color 243, 195, 240 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, 195, 240 by changing the saturation by 10% instead.


 243, 195, 240

255, 255, 255

 255, 252, 255

 243, 195, 240

 214, 168, 212

 186, 141, 184

 159, 115, 157

 133, 90, 131

 107, 66, 106

 82, 43, 81

 58, 21, 58

 37, 0, 37

 0, 1, 13

 243, 195, 240

 243, 195, 240

 243, 171, 238


 243, 219, 242

 243, 146, 237


 243, 244, 244

 243, 122, 235

 243, 253, 255

 243, 98, 234


 243, 253, 255

 243, 74, 232

 243, 251, 255

 243, 49, 231

 243, 251, 255

 243, 25, 229

 243, 250, 255

 243, 1, 228

 243, 250, 255

 243, 0, 228

 243, 249, 255

Harmonies

Analogous

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



211, 204, 255



243, 195, 240



255, 190, 214

Triad

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



243, 195, 240



194, 233, 155



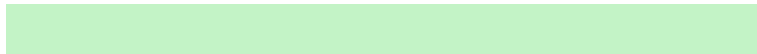
129, 179, 234

Complementary

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



243, 195, 240



195, 240, 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.



144, 190, 225



243, 195, 240



161, 216, 174

Square

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



243, 195, 240



255, 217, 165



172, 216, 222



140, 188, 255

Rectangle

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



243, 195, 240



255, 190, 195



172, 216, 222



132, 179, 225

Sweetspot

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



243, 195, 240



255, 240, 254



197, 195, 243



128, 119, 127



0, 0, 0



128, 128, 128

Same Dimension

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



243, 195, 240



255, 194, 251



243, 195, 217



122, 110, 122



186, 0, 175



59, 0, 55

Inverse Universe

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



243, 195, 240



255, 194, 251



195, 226, 243



122, 110, 122



186, 0, 175



59, 0, 55

Previews

White Background



This preview shows how the RYB color 243, 195, 240 looks on a white background.

Color Contrast Check

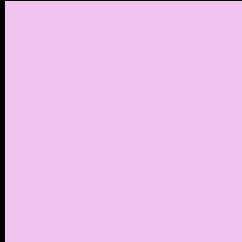
Large Text (above 18pt) WCAG AA × Fail

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, 195, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

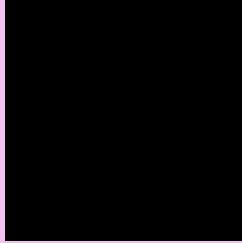
Any Text WCAG AA ✓ Pass

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, 195, 240 Background



This preview shows how black text looks on a background with the RYB color 243, 195, 240.

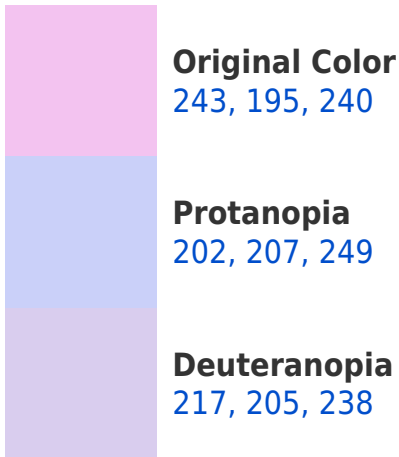



This preview shows how white text looks on a background with the RYB color 243, 195, 240.

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
239, 199, 215

Trichromacy



Original Color

243, 195, 240



Protanomaly

217, 203, 246



Deuteranomaly

226, 201, 239



Tritanomaly

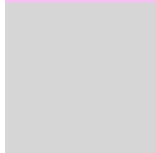
240, 198, 224

Monochromacy



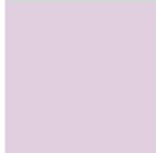
Original Color

243, 195, 240



Achromatopsia

214, 214, 214



Achromatomaly

225, 207, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 195, 240 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, 195, 240) looks like.

```
.text, #text, p{  
    color:rgb(243, 195, 240)  
}
```

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, 195, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 195, 240) }
```

Border

The CSS property to change the border of an element to RYB 243, 195, 240 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, 195, 240) }
```

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

```
.border{ border-color:rgb(243, 195, 240) }
```

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

Here you see how a box with a 4 pixel rgb(243, 195, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 195, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 195, 240);  
box-shadow:4px 4px 4px 4px rgb(243, 195,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 243, 195, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 195, 240) }
```

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

```
.background{ background-color: rgb(243,  
195, 240) }
```

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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