

Converting Colors

`RYB(243, 157, 175)`

Have a look what the booklet for
RYB(243, 157, 175) contains.

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Color

R_YB(243, 157, 175)

Conversions

Conversions Part 1

Format	Color
Hex	F39DAF
RGB	243, 157, 175
RGB Percent	95%, 62%, 69%
CMY	0.0471, 0.3843, 0.3137
CMYK	0.00, 0.35, 0.28, 0.05
HSL	347°, 78%, 78%
HSV	347°, 35%, 95%
XYZ	56.7570, 46.2638, 46.4958
YIQ	184.7660, 45.4780, 23.8300

Conversions

Conversions Part 2

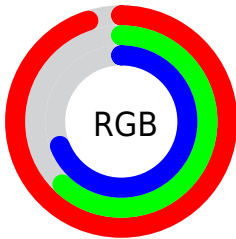
Format	Color
R _Y B	243, 157, 175
Decimal	15965615
CIE Lab	73.72, 34.34, 4.08
CIE LCh	74, 34.579, 6.768
Yxy	46.2638, 0.3796, 0.3094
Android (android.graphics.Color)	4294155695 (0xFF F39DAF)
YUV	184.7660, -4.8146, 51.0712
Hunter-Lab	68.0175, 29.9182, 7.0824

Details

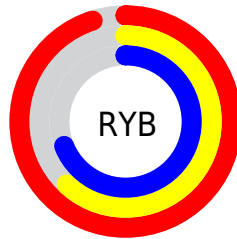
The RYB color **243, 157, 175** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **157, 205, 243**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 212, 230**, and **185, 104, 123** is the 20% darker color. If you saturate the color by 10%, you get **243, 133, 156**, and if you desaturate by 10%, it is **243, 181, 194**.

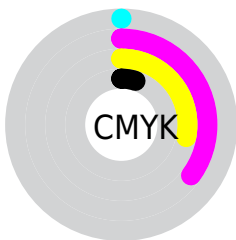
Distribution



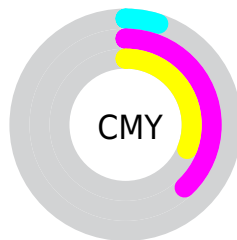
- Red (95%)
- Green (62%)
- Blue (69%)



- Red (95%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (35%)
- Yellow (28%)
- Black (5%)



- Cyan (5%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 243, 157, 175 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, 157, 175 by changing the saturation by 10% instead.

 243, 157, 175

 243, 157, 175

255, 255, 255

 214, 130, 148

 255, 212, 230

 185, 104, 123

 255, 241, 255

 157, 79, 98

 129, 54, 74

 102, 30, 52

 76, 2, 31


 52, 0, 5


 17, 0, 0


 0, 0, 0

 243, 157, 175


 243, 157, 175

 243, 133, 156

 243, 181, 194

 243, 108, 137

 243, 206, 213

 243, 84, 117

 243, 230, 233

 243, 60, 98

 243, 249, 254

 243, 36, 79

 243, 249, 255

 243, 11, 60

 243, 0, 51

Harmonies

Analogous

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



227, 161, 207



243, 157, 175



241, 164, 145

Triad

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



243, 157, 175



129, 191, 159



100, 155, 239

Complementary

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



243, 157, 175



157, 205, 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.



71, 139, 218



243, 157, 175



124, 174, 196

Square

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



243, 157, 175



135, 196, 118



87, 146, 199



149, 173, 244

Rectangle

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



243, 157, 175



231, 190, 129



87, 146, 199



87, 148, 233

Sweetspot

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



243, 157, 175



255, 227, 233



224, 157, 243



128, 111, 114



0, 0, 0



128, 128, 128

Same Dimension

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



243, 157, 175



255, 148, 170



243, 190, 157



122, 110, 113



186, 0, 39



59, 0, 12

Inverse Universe

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



243, 157, 175



255, 148, 170



157, 193, 243



122, 110, 113



186, 0, 39



59, 0, 12

Previews

White Background



This preview shows how the RYB color 243, 157, 175 looks on a white background.

Color Contrast Check

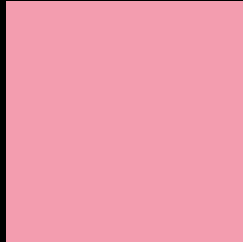
Large Text (above 18pt) WCAG AA × Fail

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, 157, 175 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, 157, 175 Background



This preview shows how black text looks on a background with the RYB color 243, 157, 175.

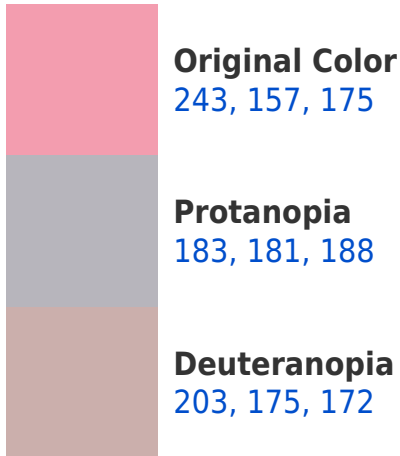


This preview shows how white text looks on a background with the RYB color 243, 157, 175.

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
242, 158, 170

Trichromacy



Original Color

243, 157, 175



Protanomaly

205, 172, 183



Deuteranomaly

218, 168, 173



Tritanomaly

242, 158, 172

Monochromacy



Original Color

243, 157, 175



Achromatopsia

185, 185, 185



Achromatomaly

206, 175, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 157, 175 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, 157, 175) looks like.

```
.text, #text, p{  
    color:rgb(243, 157, 175)  
}
```

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, 157, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 157, 175) }
```

Border

The CSS property to change the border of an element to RYB 243, 157, 175 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, 157, 175) }
```

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

```
.border{ border-color:rgb(243, 157, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 157, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 157, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 157, 175);  
box-shadow:4px 4px 4px 4px rgb(243, 157,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 243, 157, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 157, 175) }
```

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

```
.background{ background-color: rgb(243,  
157, 175) }
```

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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