

Converting Colors

`RYB(242, 115, 159)`

Have a look what the booklet for
RYB(242, 115, 159) contains.

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Color

`RYB(242, 115, 159)`

Conversions

Conversions Part 1

Format	Color
Hex	F2739F
RGB	242, 115, 159
RGB Percent	95%, 45%, 62%
CMY	0.0510, 0.5490, 0.3765
CMYK	0.00, 0.52, 0.34, 0.05
HSL	339°, 83%, 70%
HSV	339°, 52%, 95%
XYZ	49.0067, 33.6419, 36.7115
YIQ	157.9890, 61.5680, 40.6080

Conversions

Conversions Part 2

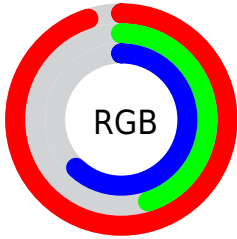
Format	Color
R _Y B	242, 115, 159
Decimal	15889311
CIE Lab	64.68, 53.19, -0.10
CIE LCh	65, 53.190, 359.889
Yxy	33.6419, 0.4106, 0.2819
Android (android.graphics.Color)	4294079391 (0xFFFF2739F)
YUV	157.9890, 0.4984, 73.6776
Hunter-Lab	58.0017, 49.3151, 3.0742

Details

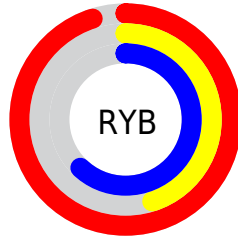
The RYB color **242, 115, 159** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **115, 192, 242**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 170, 214**, and **182, 60, 108** is the 20% darker color. If you saturate the color by 10%, you get **242, 91, 143**, and if you desaturate by 10%, it is **242, 139, 175**.

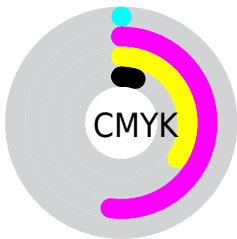
Distribution



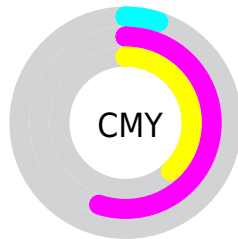
- Red (95%)
- Green (45%)
- Blue (62%)



- Red (95%)
- Yellow (45%)
- Blue (62%)



- Cyan (0%)
- Magenta (52%)
- Yellow (34%)
- Black (5%)



- Cyan (5%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 115, 159 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 242, 115, 159 by changing the saturation by 10% instead.

 242, 115, 159

255, 255, 255

 255, 170, 214

 255, 199, 242

 255, 228, 255

 242, 115, 159

 212, 88, 133

 182, 60, 108

 153, 29, 84

 125, 0, 61

 97, 0, 39

 69, 0, 18

 43, 0, 1

 0, 0, 0

 242, 115, 159

 242, 115, 159

■ 242, 91, 143

■ 242, 139, 175

■ 242, 67, 127

■ 242, 163, 191

■ 242, 42, 112

■ 242, 188, 206

■ 242, 18, 96

■ 242, 212, 222

■ 242, 0, 84

■ 242, 236, 238

■ 242, 249, 255

■ 242, 249, 255

Harmonies

Analogous

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



215, 126, 205



242, 115, 159



242, 121, 112

Triad

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



242, 115, 159



70, 168, 102



0, 101, 238

Complementary

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



242, 115, 159



115, 192, 242

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.



0, 95, 203



242, 115, 159



71, 149, 176

Square

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



242, 115, 159



96, 184, 57



0, 97, 180



53, 123, 252

Rectangle

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



242, 115, 159



230, 151, 86



0, 97, 180



0, 100, 229

Sweetspot

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



242, 115, 159



255, 214, 228



198, 115, 242



128, 103, 112



0, 0, 0



128, 128, 128

Same Dimension

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



242, 115, 159



255, 94, 150



242, 137, 115



120, 108, 112



184, 0, 64



56, 0, 19

Inverse Universe

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



242, 115, 159



255, 94, 150



115, 173, 242



120, 108, 112



184, 0, 64



56, 0, 19

Previews

White Background



This preview shows how the RYB color 242, 115, 159 looks on a white background.

Color Contrast Check

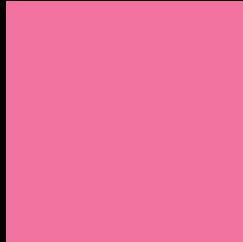
Large Text (above 18pt) WCAG AA × Fail

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 242, 115, 159 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 242, 115, 159 Background



This preview shows how black text looks on a background with the RYB color 242, 115, 159.



This preview shows how white text looks on a background with the RYB color 242, 115, 159.

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
242, 115, 159

Protanopia
152, 156, 184

Deuteranopia
174, 152, 153



Tritanopia
240, 121, 129

Trichromacy



Original Color

242, 115, 159



Protanomaly

185, 141, 175



Deuteranomaly

199, 139, 155



Tritanomaly

241, 119, 140

Monochromacy



Original Color

242, 115, 159



Achromatopsia

158, 158, 158



Achromatomaly

189, 142, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 115, 159 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(242, 115, 159) looks like.

```
.text, #text, p{  
    color:rgb(242, 115, 159)  
}
```

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(242, 115, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 115, 159) }
```

Border

The CSS property to change the border of an element to RYB 242, 115, 159 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(242, 115, 159) }
```

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

```
.border{ border-color:rgb(242, 115, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 115, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 115, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 115, 159);  
box-shadow:4px 4px 4px 4px rgb(242, 115,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 242, 115, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 115, 159) }
```

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

```
.background{ background-color: rgb(242,  
115, 159) }
```

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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