

Converting Colors

`RYB(244, 84, 115)`

Have a look what the booklet for
RYB(244, 84, 115) contains.

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Color

RYB(244, 84, 115)

Conversions

Conversions Part 1

Format	Color
Hex	F45473
RGB	244, 84, 115
RGB Percent	96%, 33%, 45%
CMY	0.0431, 0.6706, 0.5490
CMYK	0.00, 0.66, 0.53, 0.04
HSL	348°, 88%, 64%
HSV	348°, 66%, 96%
XYZ	43.5731, 26.8115, 19.0982
YIQ	135.3740, 85.4090, 43.5610

Conversions

Conversions Part 2

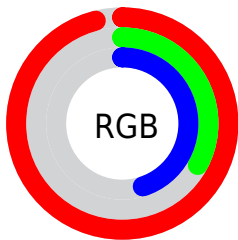
Format	Color
RYB	244, 84, 115
Decimal	16012403
CIELab	58.80, 63.12, 17.01
CIELCh	59, 65.375, 15.082
Yxy	26.8115, 0.4869, 0.2996
Android (android.graphics.Color)	4294202483 (0xFFFF45473)
YUV	135.3740, -10.0444, 95.2650
Hunter-Lab	51.7799, 59.5940, 14.3777

Details

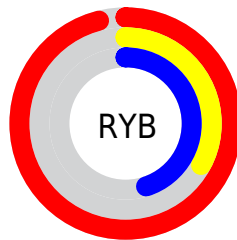
The RYB color **244, 84, 115** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **84, 173, 244**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 141, 167**, and **182, 9, 67** is the 20% darker color. If you saturate the color by 10%, you get **244, 60, 95**, and if you desaturate by 10%, it is **244, 108, 135**.

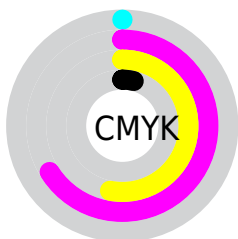
Distribution



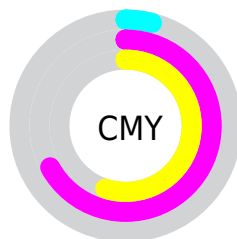
- Red (96%)
- Green (33%)
- Blue (45%)



- Red (96%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (66%)
- Yellow (53%)
- Black (4%)


















- Cyan (4%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 84, 115 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 244, 84, 115 by changing the saturation by 10% instead.

 244, 84, 115	 244, 84, 115
 255, 255, 255	 213, 53, 91
 255, 141, 167	 182, 9, 67
 255, 170, 194	 151, 0, 46
 255, 199, 222	 121, 0, 25
 255, 229, 250	 92, 0, 0
	 63, 0, 3
	 28, 0, 1
	 0, 0, 0

 244, 84, 115	 244, 84, 115
--	--

■ 244, 60, 95

■ 244, 108, 135

■ 244, 35, 76

■ 244, 133, 154

■ 244, 11, 56

■ 244, 157, 174

■ 244, 0, 47

■ 244, 182, 194

■ 244, 206, 213

■ 244, 230, 233

■ 244, 250, 255

■ 244, 250, 255

Harmonies

Analogous

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



230, 88, 173



244, 84, 115



229, 118, 62

Triad

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



244, 84, 115



53, 160, 139



0, 96, 252

Complementary

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



244, 84, 115



84, 173, 244

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, 222



244, 84, 115



0, 100, 166

Square

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



244, 84, 115



0, 148, 6



0, 84, 170



75, 122, 253

Rectangle

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



244, 84, 115



199, 207, 29



0, 84, 170



0, 97, 245

Sweetspot

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



244, 84, 115



255, 204, 214



212, 84, 244



128, 97, 103



0, 0, 0



128, 128, 128

Same Dimension

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



244, 84, 115



255, 54, 93



244, 153, 84



122, 110, 113



186, 0, 36



59, 0, 11

Inverse Universe

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



244, 84, 115



255, 54, 93



84, 150, 244



122, 110, 113



186, 0, 36



59, 0, 11

Previews

White Background



This preview shows how the RYB color 244, 84, 115 looks on a white background.

Color Contrast Check

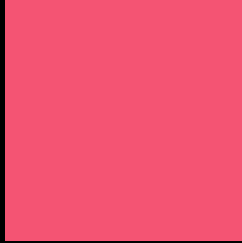
Large Text (above 18pt) WCAG AA ✓ Pass

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 244, 84, 115 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 244, 84, 115 Background



This preview shows how black text looks on a background with the RYB color 244, 84, 115.

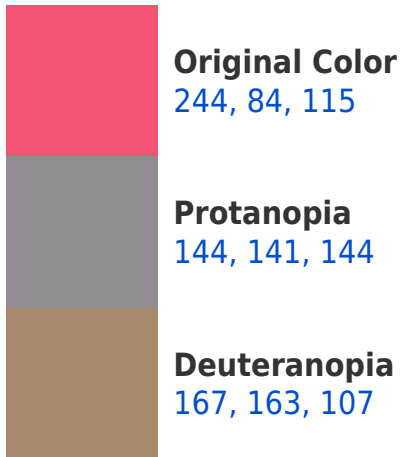


This preview shows how white text looks on a background with the RYB color 244, 84, 115.

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](#).

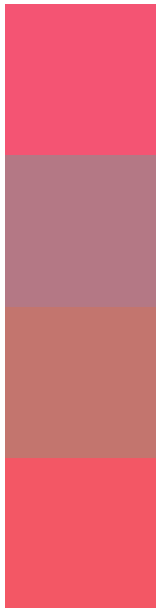
Dichromacy





Tritanopia
243, 88, 93

Trichromacy



Original Color

244, 84, 115

Protanomaly

180, 120, 133

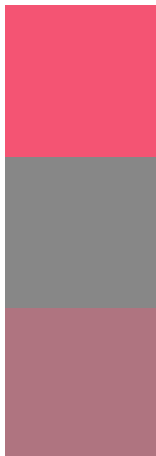
Deuteranomaly

195, 118, 110

Tritanomaly

243, 87, 101

Monochromacy



Original Color

244, 84, 115

Achromatopsia

135, 135, 135

Achromatomaly

175, 116, 128

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 84, 115 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(244, 84, 115) looks like.

```
.text, #text, p{  
    color:rgb(244, 84, 115)  
}
```

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(244, 84, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 84, 115) }
```

Border

The CSS property to change the border of an element to RYB 244, 84, 115 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(244, 84, 115) }
```

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

```
.border{ border-color:rgb(244, 84, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 84, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 84, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 84, 115);  
box-shadow:4px 4px 4px 4px rgb(244, 84,  
115) }
```

Background

The CSS property to change the background color of an element to RGB 244, 84, 115 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 84, 115) }
```

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

```
.background{ background-color: rgb(244, 84,  
115) }
```

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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