

Converting Colors

`RYB(244, 154, 199)`

Have a look what the booklet for
RYB(244, 154, 199) contains.

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Color

R_YB(244, 154, 199)

Conversions

Conversions Part 1

Format	Color
Hex	F49AC7
RGB	244, 154, 199
RGB Percent	96%, 60%, 78%
CMY	0.0431, 0.3961, 0.2196
CMYK	0.00, 0.37, 0.18, 0.04
HSL	330°, 80%, 78%
HSV	330°, 37%, 96%
XYZ	59.1726, 46.4678, 59.8833
YIQ	186.0400, 39.1950, 33.0750

Conversions

Conversions Part 2

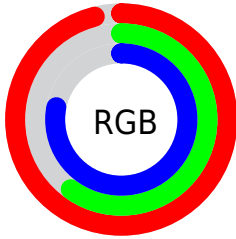
Format	Color
R_{YB}	244, 154, 199
Decimal	16030407
CIE _{Lab}	73.85, 39.66, -8.95
CIE _{LCh}	74, 40.659, 347.281
Yxy	46.4678, 0.3575, 0.2807
Android (android.graphics.Color)	4294220487 (0xFFFF49AC7)
YUV	186.0400, 6.3893, 50.8309
Hunter-Lab	68.1673, 35.6541, -4.3677

Details

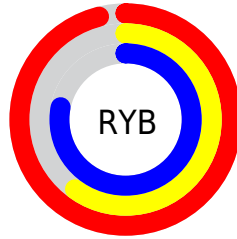
The RYB color **244, 154, 199** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **154, 214, 244**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 210, 255**, and **186, 101, 145** is the 20% darker color. If you saturate the color by 10%, you get **244, 130, 187**, and if you desaturate by 10%, it is **244, 178, 211**.

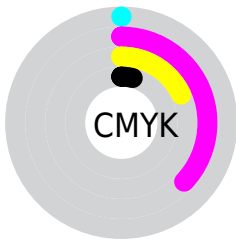
Distribution



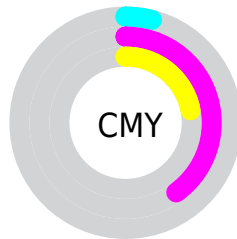
- Red (96%)
- Green (60%)
- Blue (78%)



- Red (96%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (37%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 154, 199 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, 154, 199 by changing the saturation by 10% instead.


 244, 154, 199

 244, 154, 199


255, 255, 255


 215, 127, 172

 255, 210, 255

 186, 101, 145

 255, 238, 255

 158, 76, 119

 131, 50, 95

 104, 24, 71

 78, 0, 49

 54, 0, 28

 26, 0, 1

 0, 0, 0

■ 244, 154, 199

■ 244, 154, 199

■ 244, 130, 187

■ 244, 178, 211

■ 244, 105, 175

■ 244, 203, 223

■ 244, 81, 162

■ 244, 227, 236

■ 244, 56, 150

■ 244, 249, 252

■ 244, 32, 138

■ 244, 250, 255

■ 244, 8, 126

■ 244, 0, 122

Harmonies

Analogous

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



213, 164, 232



244, 154, 199



254, 153, 161

Triad

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



244, 154, 199



109, 186, 111



14, 114, 235

Complementary

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



244, 154, 199



154, 214, 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.



29, 115, 202



244, 154, 199



130, 195, 183

Square

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



244, 154, 199



188, 220, 109



93, 157, 200



97, 155, 254

Rectangle

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



244, 154, 199



250, 162, 138



93, 157, 200



0, 106, 225

Sweetspot

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



244, 154, 199



255, 227, 241



199, 154, 244



128, 111, 119



0, 0, 0



128, 128, 128

Same Dimension

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



244, 154, 199



255, 143, 199



244, 154, 154



122, 110, 116



186, 0, 93



59, 0, 29

Inverse Universe

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



244, 154, 199



255, 143, 199



154, 199, 244



122, 110, 116



186, 0, 93



59, 0, 29

Previews

White Background



This preview shows how the RYB color 244, 154, 199 looks on a white background.

Color Contrast Check

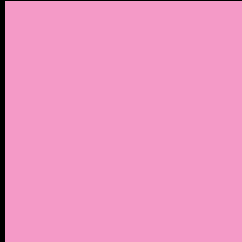
Large Text (above 18pt) WCAG AA × Fail

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 244, 154, 199 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 244, 154, 199 Background



This preview shows how black text looks on a background with the RYB color 244, 154, 199.

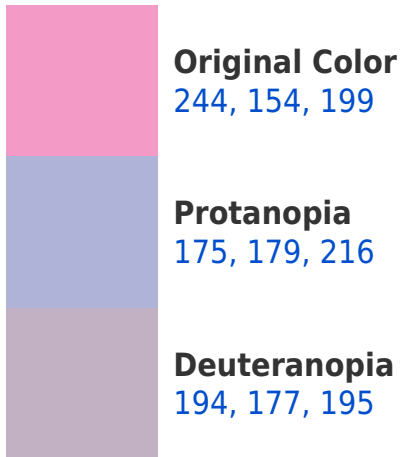



This preview shows how white text looks on a background with the RYB color 244, 154, 199.

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
241, 159, 171

Trichromacy



Original Color

244, 154, 199



Protanomaly

200, 171, 210



Deuteranomaly

212, 169, 196



Tritanomaly

242, 157, 181

Monochromacy



Original Color

244, 154, 199



Achromatopsia

186, 186, 186



Achromatomaly

207, 174, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 154, 199 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, 154, 199) looks like.

```
.text, #text, p{  
    color:rgb(244, 154, 199)  
}
```

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, 154, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 154, 199) }
```

Border

The CSS property to change the border of an element to RYB 244, 154, 199 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, 154, 199) }
```

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

```
.border{ border-color:rgb(244, 154, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 154, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 154, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 154, 199);  
box-shadow:4px 4px 4px 4px rgb(244, 154,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 244, 154, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 154, 199) }
```

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

```
.background{ background-color: rgb(244,  
154, 199) }
```

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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