

Converting Colors

`RYB(254, 154, 175)`

Have a look what the booklet for
RYB(254, 154, 175) contains.

RYB(254, 154, 175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(254, 154, 175)

Conversions

Conversions Part 1

Format	Color
Hex	FE9AAF
RGB	254, 154, 175
RGB Percent	100%, 60%, 69%
CMY	0.0039, 0.3961, 0.3137
CMYK	0.00, 0.39, 0.31, 0.00
HSL	347°, 98%, 80%
HSV	347°, 39%, 100%
XYZ	60.1665, 47.2772, 46.5117
YIQ	186.2940, 52.8590, 27.7310

Conversions

Conversions Part 2

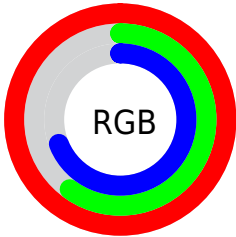
Format	Color
RYB	254, 154, 175
Decimal	16685743
CIELab	74.37, 39.80, 5.18
CIElCh	74, 40.138, 7.414
Yxy	47.2772, 0.3908, 0.3071
Android (android.graphics.Color)	4294875823 (0xFFFE9AAF)
YUV	186.2940, -5.5679, 59.3782
Hunter-Lab	68.7584, 35.8679, 8.0241

Details

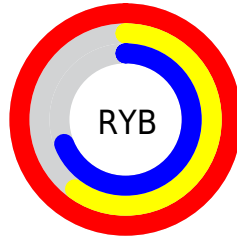
The RYB color **254, 154, 175** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **154, 210, 254**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 210, 230**, and **195, 101, 123** is the 20% darker color. If you saturate the color by 10%, you get **254, 129, 155**, and if you desaturate by 10%, it is **254, 179, 195**.

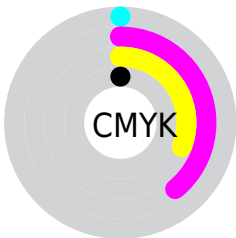
Distribution



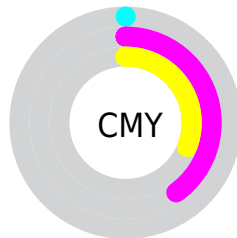
- Red (100%)
- Green (60%)
- Blue (69%)



- Red (100%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (39%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 154, 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 254, 154, 175 by changing the saturation by 10% instead.


 254, 154, 175

255, 255, 255

 255, 210, 230

 255, 238, 255


 254, 154, 175

 224, 127, 148

 195, 101, 123

 166, 75, 98


 138, 50, 74

 111, 23, 52

 84, 0, 31

 58, 0, 5

 29, 0, 1

 0, 0, 0

■ 254, 154, 175

■ 254, 154, 175

■ 254, 129, 155

■ 254, 179, 195

■ 254, 103, 135

■ 254, 205, 215

■ 254, 78, 115

■ 254, 230, 235

■ 254, 52, 95

254, 255, 255

■ 254, 27, 75

■ 254, 2, 55

■ 254, 0, 53

Harmonies

Analogous

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



237, 158, 212



254, 154, 175



251, 163, 140

Triad

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



254, 154, 175



123, 194, 159



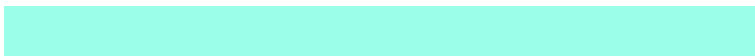
78, 147, 250

Complementary

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



254, 154, 175



154, 210, 254

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.



11, 112, 227



254, 154, 175



113, 173, 200

Square

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



254, 154, 175



126, 198, 109



59, 134, 203



144, 173, 255

Rectangle

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



254, 154, 175



239, 195, 122



59, 134, 203



54, 136, 244

Sweetspot

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



254, 154, 175



255, 224, 231



232, 154, 254



128, 110, 113



0, 0, 0



128, 128, 128

Same Dimension

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



254, 154, 175



255, 135, 160



254, 193, 154



128, 115, 117



191, 0, 40



64, 0, 13

Inverse Universe

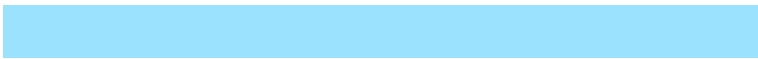
The Inverse Universe completely reimagines the original color for something new.



254, 154, 175



255, 135, 160



154, 196, 254



128, 115, 117



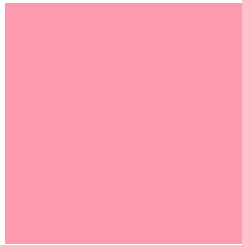
191, 0, 40



64, 0, 13

Previews

White Background



This preview shows how the RYB color 254, 154, 175 looks on a white background.

Color Contrast Check

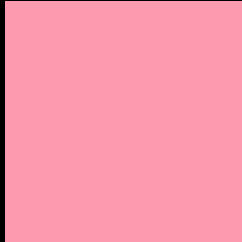
Large Text (above 18pt) WCAG AA × Fail

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 254, 154, 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 254, 154, 175 Background



This preview shows how black text looks on a background with the RYB color 254, 154, 175.



This preview shows how white text looks on a background with the RYB color 254, 154, 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



Original Color
254, 154, 175

Protanopia
184, 182, 191

Deuteranopia
206, 178, 171



Tritanopia
253, 155, 167

Trichromacy



Original Color

254, 154, 175



Protanomaly

209, 172, 185



Deuteranomaly

223, 169, 172



Tritanomaly

253, 155, 170

Monochromacy



Original Color

254, 154, 175



Achromatopsia

186, 186, 186



Achromatomaly

211, 174, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 154, 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(254, 154, 175) looks like.

```
.text, #text, p{  
    color:rgb(254, 154, 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(254, 154, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 154, 175) }
```

Border

The CSS property to change the border of an element to RYB 254, 154, 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(254, 154, 175) }
```

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

```
.border{ border-color:rgb(254, 154, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 154, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 154, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 154, 175);  
box-shadow:4px 4px 4px 4px rgb(254, 154,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 254, 154, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 154, 175) }
```

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

```
.background{ background-color: rgb(254,  
154, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor