

Converting Colors

`RYB(249, 155, 167)`

Have a look what the booklet for
RYB(249, 155, 167) contains.

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Color

R_YB(249, 155, 167)

Conversions

Conversions Part 1

Format	Color
Hex	F99BA7
RGB	249, 155, 167
RGB Percent	98%, 61%, 65%
CMY	0.0235, 0.3922, 0.3451
CMYK	0.00, 0.38, 0.33, 0.02
HSL	352°, 89%, 79%
HSV	352°, 38%, 98%
XYZ	57.7633, 46.3724, 42.4655
YIQ	184.4740, 52.1720, 23.6600

Conversions

Conversions Part 2

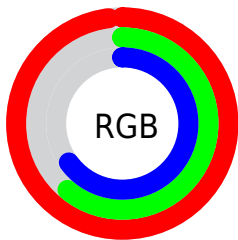
Format	Color
R _Y B	249, 155, 167
Decimal	16358311
CIE Lab	73.79, 36.51, 8.68
CIE LCh	74, 37.527, 13.374
Yxy	46.3724, 0.3940, 0.3163
Android (android.graphics.Color)	4294548391 (0xFFFF99BA7)
YUV	184.4740, -8.6147, 56.5893
Hunter-Lab	68.0973, 32.2417, 10.6948

Details

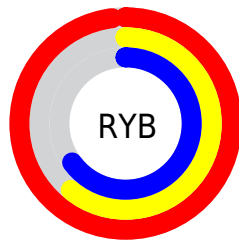
The RYB color **249, 155, 167** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **155, 205, 249**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 210, 222**, and **190, 102, 115** is the 20% darker color. If you saturate the color by 10%, you get **249, 130, 145**, and if you desaturate by 10%, it is **249, 180, 189**.

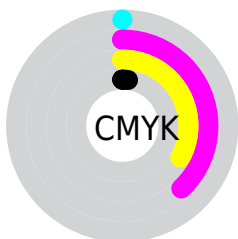
Distribution



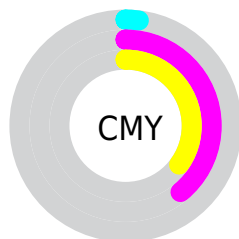
- Red (98%)
- Green (61%)
- Blue (65%)



- Red (98%)
- Yellow (61%)
- Blue (65%)



- Cyan (0%)
- Magenta (38%)
- Yellow (33%)
- Black (2%)



- Cyan (2%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 155, 167 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 249, 155, 167 by changing the saturation by 10% instead.


 249, 155, 167


255, 255, 255

 255, 210, 222

 255, 239, 251

 249, 155, 167

 219, 128, 141

 190, 102, 115

 162, 77, 91

 134, 52, 67

 106, 26, 45

 79, 0, 25

 55, 0, 0

 21, 0, 0


 0, 0, 0

 249, 155, 167

 249, 155, 167

 249, 130, 145

 249, 180, 189

 249, 105, 124

 249, 205, 210

 249, 80, 102

 249, 230, 232

 249, 55, 80

 249, 252, 255

 249, 30, 58

 249, 252, 255

 249, 6, 37

 249, 0, 32

Harmonies

Analogous

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



237, 157, 202



249, 155, 167



243, 169, 136

Triad

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



249, 155, 167



130, 193, 172



100, 156, 247

Complementary

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



249, 155, 167



155, 205, 249

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.



52, 132, 228



249, 155, 167



108, 166, 199

Square

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



249, 155, 167



118, 189, 113



64, 133, 200



157, 175, 248

Rectangle

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



249, 155, 167



230, 207, 121



64, 133, 200



82, 148, 242

Sweetspot

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



249, 155, 167



255, 227, 231



236, 155, 249



128, 111, 113



0, 0, 0



128, 128, 128

Same Dimension

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



249, 155, 167



255, 140, 155



249, 208, 155



125, 112, 114



189, 0, 24



61, 0, 8

Inverse Universe

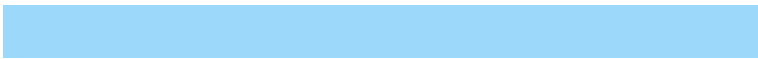
The Inverse Universe completely reimagines the original color for something new.



249, 155, 167



255, 140, 155



155, 192, 249



125, 112, 114



189, 0, 24



61, 0, 8

Previews

White Background



This preview shows how the RYB color 249, 155, 167 looks on a white background.

Color Contrast Check

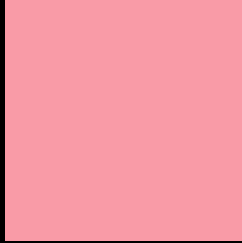
Large Text (above 18pt) WCAG AA × Fail

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 249, 155, 167 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 249, 155, 167 Background



This preview shows how black text looks on a background with the RYB color 249, 155, 167.

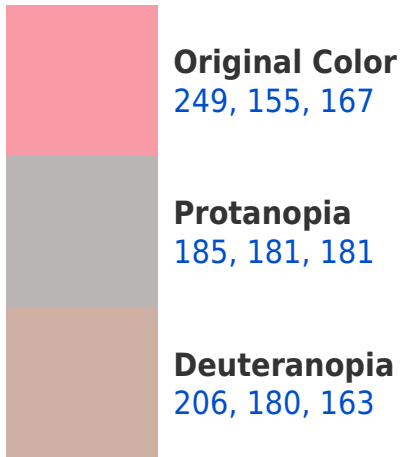


This preview shows how white text looks on a background with the RYB color 249, 155, 167.

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
249, 155, 167

Trichromacy



Original Color

249, 155, 167



Protanomaly

208, 172, 176



Deuteranomaly

222, 168, 164



Tritanomaly

249, 155, 167

Monochromacy



Original Color

249, 155, 167



Achromatopsia

184, 184, 184



Achromatomaly

208, 173, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 155, 167 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(249, 155, 167) looks like.

```
.text, #text, p{  
    color:rgb(249, 155, 167)  
}
```

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(249, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 155, 167) }
```

Border

The CSS property to change the border of an element to RYB 249, 155, 167 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(249, 155, 167) }
```

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

```
.border{ border-color:rgb(249, 155, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 155, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 155, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 155, 167);  
box-shadow:4px 4px 4px 4px rgb(249, 155,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 249, 155, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 155, 167) }
```

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

```
.background{ background-color: rgb(249,  
155, 167) }
```

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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