

Converting Colors

`RYB(249, 159, 227)`

Have a look what the booklet for
RYB(249, 159, 227) contains.

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Color

RYB(249, 159, 227)

Conversions

Conversions Part 1

Format	Color
Hex	F99FE3
RGB	249, 159, 227
RGB Percent	98%, 62%, 89%
CMY	0.0235, 0.3765, 0.1098
CMYK	0.00, 0.36, 0.09, 0.02
HSL	315°, 88%, 80%
HSV	315°, 36%, 98%
XYZ	65.3302, 50.4821, 78.9738
YIQ	193.6620, 31.8120, 40.2280

Conversions

Conversions Part 2

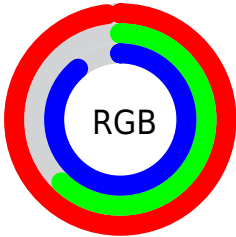
Format	Color
R_{YB}	249, 159, 227
Decimal	16359395
CIE _{Lab}	76.36, 43.14, -20.45
CIE _{LCh}	76, 47.739, 334.640
Yxy	50.4821, 0.3354, 0.2592
Android (android.graphics.Color)	4294549475 (0xFFFF99FE3)
YUV	193.6620, 16.4356, 48.5314
Hunter-Lab	71.0507, 39.7896, -16.1661

Details

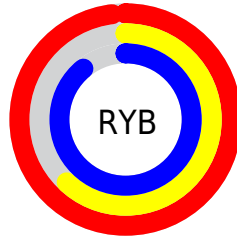
The RYB color **249, 159, 227** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **159, 231, 249**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 215, 255**, and **191, 106, 172** is the 20% darker color. If you saturate the color by 10%, you get **249, 134, 221**, and if you desaturate by 10%, it is **249, 184, 233**.

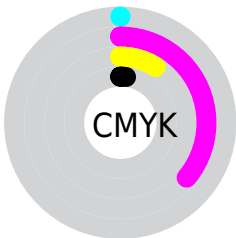
Distribution



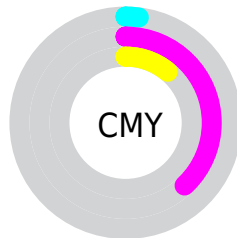
- Red (98%)
- Green (62%)
- Blue (89%)



- Red (98%)
- Yellow (62%)
- Blue (89%)



- Cyan (0%)
- Magenta (36%)
- Yellow (9%)
- Black (2%)




- Cyan (2%)
- Magenta (38%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 249, 159, 227 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, 159, 227 by changing the saturation by 10% instead.


 249, 159, 227

 249, 159, 227


255, 255, 255

 220, 132, 199

 255, 215, 255

 191, 106, 172

 255, 244, 255

 163, 80, 145

 136, 54, 119

 109, 27, 94

 83, 0, 70


 58, 0, 48

 35, 0, 27

 0, 0, 0

 249, 159, 227

 249, 159, 227

 249, 134, 221


 249, 184, 233

 249, 109, 215

 249, 209, 239

 249, 84, 209

 249, 234, 245

 249, 59, 203

 249, 254, 255

 249, 34, 197

 249, 252, 255

 249, 10, 190

 249, 0, 188

Harmonies

Analogous

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



202, 174, 255



249, 159, 227



255, 152, 183

Triad

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



249, 159, 227



124, 209, 98



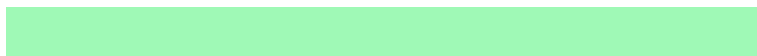
0, 111, 237

Complementary

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



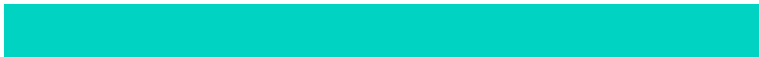
249, 159, 227



159, 231, 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.



0, 110, 211



249, 159, 227



114, 200, 151

Square

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



249, 159, 227



246, 229, 109



106, 178, 208



0, 113, 255

Rectangle

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



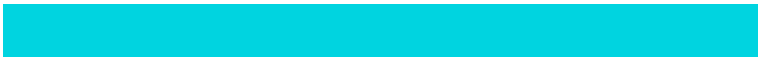
249, 159, 227



255, 155, 154



106, 178, 208



0, 109, 224

Sweetspot

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



249, 159, 227



255, 227, 248



180, 159, 249



128, 111, 123



0, 0, 0



128, 128, 128

Same Dimension

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



249, 159, 227



255, 145, 228



249, 159, 183



125, 112, 122



189, 0, 143



61, 0, 46

Inverse Universe

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



249, 159, 227



255, 145, 228



159, 211, 249



125, 112, 122



189, 0, 143



61, 0, 46

Previews

White Background



This preview shows how the RYB color 249, 159, 227 looks on a white background.

Color Contrast Check

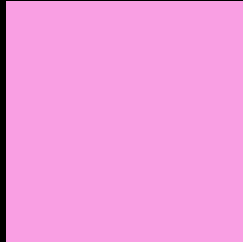
Large Text (above 18pt) WCAG AA × Fail

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, 159, 227 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, 159, 227 Background



This preview shows how black text looks on a background with the RYB color 249, 159, 227.



This preview shows how white text looks on a background with the RYB color 249, 159, 227.

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
249, 159, 227

Protanopia
173, 185, 246

Deuteranopia
191, 184, 222



Tritanopia
243, 168, 181

Trichromacy



Original Color

249, 159, 227



Protanomaly

201, 177, 239



Deuteranomaly

212, 175, 224



Tritanomaly

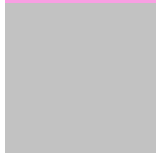
245, 165, 198

Monochromacy



Original Color

249, 159, 227



Achromatopsia

194, 194, 194



Achromatomaly

214, 181, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 159, 227 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, 159, 227) looks like.

```
.text, #text, p{  
    color:rgb(249, 159, 227)  
}
```

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, 159, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 159, 227) }
```

Border

The CSS property to change the border of an element to RYB 249, 159, 227 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, 159, 227) }
```

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

```
.border{ border-color:rgb(249, 159, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 159, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 159, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 159, 227);  
box-shadow:4px 4px 4px 4px rgb(249, 159,  
227) }
```

Background

The CSS property to change the background color of an element to RYB 249, 159, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 159, 227) }
```

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

```
.background{ background-color: rgb(249,  
159, 227) }
```

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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