

Converting Colors

`RYB(241, 153, 249)`

Have a look what the booklet for
RYB(241, 153, 249) contains.

RYB(241, 153, 249)	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(241, 153, 249)`

Conversions

Conversions Part 1

Format	Color
Hex	F199F9
RGB	241, 153, 249
RGB Percent	95%, 60%, 98%
CMY	0.0549, 0.4000, 0.0235
CMYK	0.03, 0.39, 0.00, 0.02
HSL	295°, 89%, 79%
HSV	295°, 39%, 98%
XYZ	64.7657, 48.3228, 95.5362
YIQ	190.2560, 21.6320, 48.5120

Conversions

Conversions Part 2

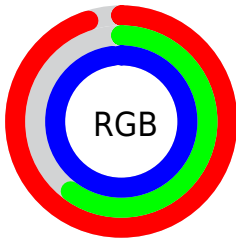
Format	Color
R _Y B	241, 153, 249
Decimal	15833593
CIE Lab	75.03, 47.62, -34.52
CIE LCh	75, 58.821, 324.060
Yxy	48.3228, 0.3104, 0.2316
Android (android.graphics.Color)	4294023673 (0xFFFF199F9)
YUV	190.2560, 28.9608, 44.5025
Hunter-Lab	69.5146, 44.6553, -32.8240

Details

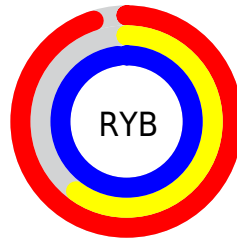
The RYB color **241, 153, 249** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **153, 249, 241**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 209, 255**, and **183, 100, 192** is the 20% darker color. If you saturate the color by 10%, you get **239, 128, 249**, and if you desaturate by 10%, it is **243, 178, 249**.

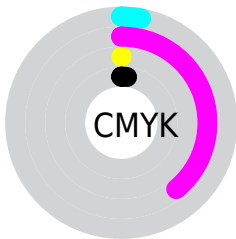
Distribution



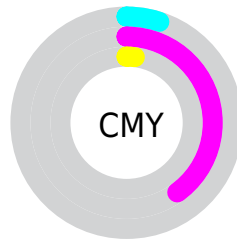
- Red (95%)
- Green (60%)
- Blue (98%)



- Red (95%)
- Yellow (60%)
- Blue (98%)



- Cyan (3%)
- Magenta (39%)
- Yellow (0%)
- Black (2%)



- Cyan (5%)
- Magenta (40%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 153, 249 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 241, 153, 249 by changing the saturation by 10% instead.

 241, 153, 249


255, 255, 255


 255, 209, 255

 255, 238, 255

 241, 153, 249

 212, 126, 220

 183, 100, 192

 155, 74, 165

 128, 47, 138


 102, 18, 112


 75, 0, 88

 51, 0, 64

 26, 0, 41


 0, 1, 19

 241, 153, 249


 241, 153, 249

 239, 128, 249


 243, 178, 249

 237, 103, 249


 245, 203, 249

 235, 78, 249

 247, 228, 249

 233, 53, 249

 249, 253, 253

 231, 29, 249

 249, 255, 253

 229, 4, 249

 249, 255, 251

 228, 0, 249

 249, 255, 249

Harmonies

Analogous

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



170, 175, 255



241, 153, 249



255, 138, 198

Triad

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



241, 153, 249



140, 225, 72



0, 109, 227

Complementary

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



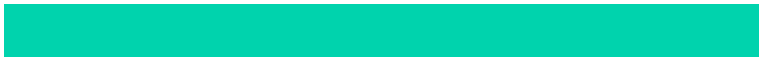
241, 153, 249



153, 249, 241

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, 116, 211



241, 153, 249



80, 195, 103

Square

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



241, 153, 249



255, 195, 98



105, 194, 206



0, 114, 255

Rectangle

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



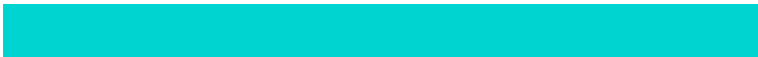
241, 153, 249



255, 138, 161



105, 194, 206



0, 107, 212

Sweetspot

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



241, 153, 249



252, 224, 255



153, 160, 249



126, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



241, 153, 249



245, 138, 255



249, 153, 209



124, 112, 125



173, 0, 189



56, 0, 61

Inverse Universe

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



249, 153, 161



255, 138, 147



153, 221, 249



125, 112, 113



189, 0, 16



61, 0, 5

Previews

White Background



This preview shows how the RYB color 241, 153, 249 looks on a white background.

Color Contrast Check

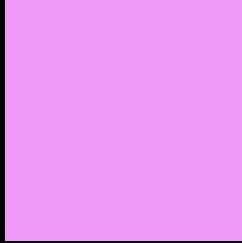
Large Text (above 18pt) WCAG AA × Fail

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 241, 153, 249 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 241, 153, 249 Background



This preview shows how black text looks on a background with the RYB color 241, 153, 249.



This preview shows how white text looks on a background with the RYB color 241, 153, 249.

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
241, 153, 249

Protanopia
163, 179, 255

Deuteranopia
171, 181, 244



Tritanopia
232, 167, 180

Trichromacy



Original Color

241, 153, 249



Protanomaly

191, 172, 253



Deuteranomaly

196, 171, 246



Tritanomaly

235, 162, 205

Monochromacy



Original Color

241, 153, 249



Achromatopsia

190, 190, 190



Achromatomaly

209, 177, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 153, 249 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(241, 153, 249) looks like.

```
.text, #text, p{  
    color:rgb(241, 153, 249)  
}
```

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(241, 153, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 153, 249) }
```

Border

The CSS property to change the border of an element to RYB 241, 153, 249 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(241, 153, 249) }
```

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

```
.border{ border-color:rgb(241, 153, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 153, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 153, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 153, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 153,  
249) }
```

Background

The CSS property to change the background color of an element to RYB 241, 153, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 153, 249) }
```

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

```
.background{ background-color: rgb(241,  
153, 249) }
```

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