

Converting Colors

`RYB(251, 153, 245)`

Have a look what the booklet for
RYB(251, 153, 245) contains.

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Color

RYB(251, 153, 245)

Conversions

Conversions Part 1

Format	Color
Hex	FB99F5
RGB	251, 153, 245
RGB Percent	98%, 60%, 96%
CMY	0.0157, 0.4000, 0.0392
CMYK	0.00, 0.39, 0.02, 0.02
HSL	304°, 92%, 79%
HSV	304°, 39%, 98%
XYZ	67.6563, 49.8843, 92.4489
YIQ	192.7900, 28.8760, 49.3880

Conversions

Conversions Part 2

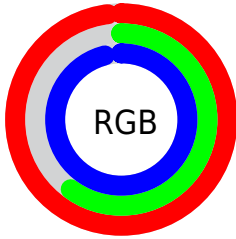
Format	Color
R _Y B	251, 153, 245
Decimal	16488949
CIE _{Lab}	76.00, 49.89, -30.77
CIE _{LCh}	76, 58.617, 328.340
Yxy	49.8843, 0.3222, 0.2376
Android (android.graphics.Color)	4294679029 (0xFFFB99F5)
YUV	192.7900, 25.7395, 51.0502
Hunter-Lab	70.6288, 47.3873, -28.1670

Details

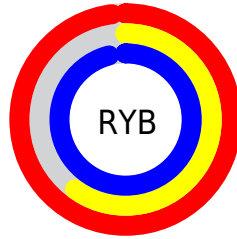
The RYB color **251, 153, 245** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **153, 245, 251**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 209, 255**, and **193, 99, 188** is the 20% darker color. If you saturate the color by 10%, you get **251, 128, 243**, and if you desaturate by 10%, it is **251, 178, 247**.

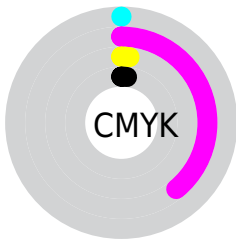
Distribution



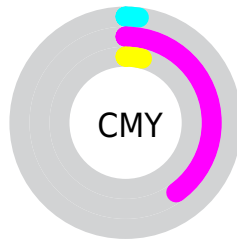
- Red (98%)
- Green (60%)
- Blue (96%)



- Red (98%)
- Yellow (60%)
- Blue (96%)



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




- Cyan (2%)
- Magenta (40%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 153, 245 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 251, 153, 245 by changing the saturation by 10% instead.


 251, 153, 245

255, 255, 255

 255, 209, 255

 255, 238, 255

 251, 153, 245

 222, 126, 216

 193, 99, 188

 165, 73, 161

 137, 46, 135


 110, 14, 109


 84, 0, 85


 58, 0, 61


 35, 0, 39


 0, 1, 15

 251, 153, 245


 251, 153, 245

 251, 128, 243


 251, 178, 247


 251, 103, 242


 251, 203, 248

 251, 78, 240

 251, 228, 250

 251, 53, 239

 251, 253, 253

 251, 28, 237

 251, 254, 255

 251, 2, 236

 251, 253, 255

 251, 0, 236

 251, 253, 255

Harmonies

Analogous

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



185, 174, 255



251, 153, 245



255, 141, 193

Triad

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



251, 153, 245



125, 221, 74



0, 112, 237

Complementary

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



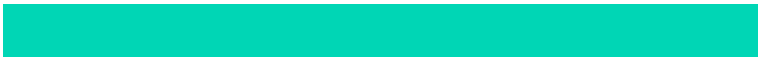
251, 153, 245



153, 245, 251

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, 214



251, 153, 245



87, 199, 119

Square

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



251, 153, 245



255, 212, 96



96, 184, 209



0, 114, 255

Rectangle

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



251, 153, 245



255, 142, 156



96, 184, 209



0, 108, 220

Sweetspot

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



251, 153, 245



255, 224, 253



158, 153, 251



128, 110, 126



0, 0, 0



128, 128, 128

Same Dimension

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



251, 153, 245



255, 135, 248



251, 153, 197



125, 112, 124



189, 0, 177



61, 0, 57

Inverse Universe

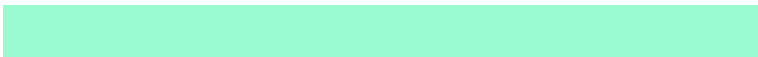
The Inverse Universe completely reimagines the original color for something new.



251, 153, 245



255, 135, 248



153, 216, 251



125, 112, 124



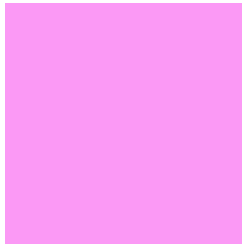
189, 0, 177



61, 0, 57

Previews

White Background



This preview shows how the RYB color 251, 153, 245 looks on a white background.

Color Contrast Check

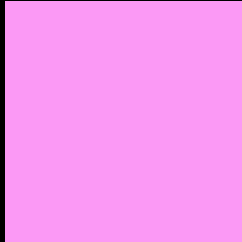
Large Text (above 18pt) WCAG AA × Fail

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 251, 153, 245 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 251, 153, 245 Background



This preview shows how black text looks on a background with the RYB color 251, 153, 245.



This preview shows how white text looks on a background with the RYB color 251, 153, 245.

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
243, 167, 179

Trichromacy



Original Color

251, 153, 245



Protanomaly

198, 173, 251



Deuteranomaly

205, 173, 241



Tritanomaly

246, 162, 203

Monochromacy



Original Color

251, 153, 245



Achromatopsia

193, 193, 193



Achromatomaly

214, 178, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 153, 245 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(251, 153, 245) looks like.

```
.text, #text, p{  
    color:rgb(251, 153, 245)  
}
```

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(251, 153, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 153, 245) }
```

Border

The CSS property to change the border of an element to RYB 251, 153, 245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

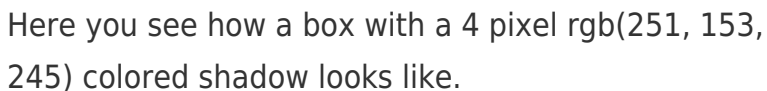
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 153, 245) }
```

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

```
.border{ border-color:rgb(251, 153, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(251, 153, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 153, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 153, 245); box-shadow:4px 4px 4px 4px rgb(251, 153, 245) }
```

Background

The CSS property to change the background color of an element to RYB 251, 153, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 153, 245) }
```

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

```
.background{ background-color: rgb(251,  
153, 245) }
```

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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