

Converting Colors

`RYB(252, 154, 245)`

Have a look what the booklet for
RYB(252, 154, 245) contains.

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Color

R_YB(252, 154, 245)

Conversions

Conversions Part 1

Format	Color
Hex	FC9AF5
RGB	252, 154, 245
RGB Percent	99%, 60%, 96%
CMY	0.0118, 0.3961, 0.0392
CMYK	0.00, 0.39, 0.03, 0.01
HSL	304°, 94%, 80%
HSV	304°, 39%, 99%
XYZ	68.1819, 50.3992, 92.5206
YIQ	193.6760, 29.1970, 49.0770

Conversions

Conversions Part 2

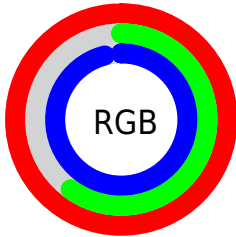
Format	Color
RYB	252, 154, 245
Decimal	16554741
CIELab	76.31, 49.69, -30.27
CIELCh	76, 58.182, 328.648
Yxy	50.3992, 0.3230, 0.2387
Android (android.graphics.Color)	4294744821 (0xFFFC9AF5)
YUV	193.6760, 25.3027, 51.1501
Hunter-Lab	70.9924, 47.1967, -27.5748

Details

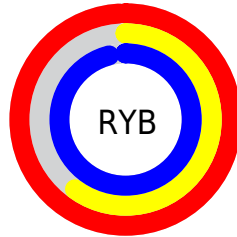
The RYB color **252, 154, 245** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **154, 245, 252**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 210, 255**, and **194, 100, 188** is the 20% darker color. If you saturate the color by 10%, you get **252, 129, 243**, and if you desaturate by 10%, it is **252, 179, 247**.

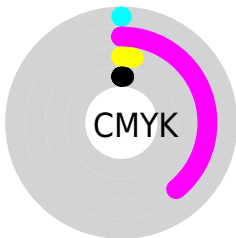
Distribution



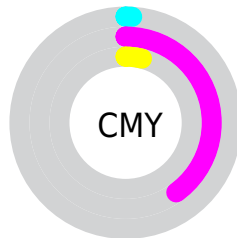
- Red (99%)
- Green (60%)
- Blue (96%)



- Red (99%)
- Yellow (60%)
- Blue (96%)



- Cyan (0%)
- Magenta (39%)
- Yellow (3%)
- Black (1%)




- Cyan (1%)
- Magenta (40%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 154, 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 252, 154, 245 by changing the saturation by 10% instead.

 252, 154, 245

255, 255, 255

 255, 210, 255

 255, 239, 255


 252, 154, 245

 223, 127, 216

 194, 100, 188

 166, 74, 161

 138, 47, 135


 111, 16, 109


 85, 0, 85

 59, 0, 61

 36, 0, 39


 0, 1, 15

 252, 154, 245


 252, 154, 245

 252, 129, 243

 252, 179, 247

 252, 104, 241


 252, 204, 249

 252, 78, 240

 252, 230, 250

 252, 53, 238

 252, 255, 255

 252, 28, 236

 252, 254, 255

 252, 3, 234

 252, 254, 255

 252, 0, 234

Harmonies

Analogous

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



187, 175, 255



252, 154, 245



255, 142, 193

Triad

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



252, 154, 245



124, 221, 76



0, 113, 238

Complementary

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



252, 154, 245



154, 245, 252

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, 215



252, 154, 245



89, 200, 122

Square

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



252, 154, 245



255, 216, 97



97, 184, 210



0, 115, 255

Rectangle

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



252, 154, 245



255, 143, 157



97, 184, 210



0, 109, 221

Sweetspot

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



252, 154, 245



255, 224, 253



161, 154, 252



128, 110, 126



0, 0, 0



128, 128, 128

Same Dimension

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



252, 154, 245



255, 135, 246



252, 154, 196



125, 112, 124



189, 0, 175



61, 0, 57

Inverse Universe

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



252, 154, 245



255, 135, 246



154, 216, 252



125, 112, 124



189, 0, 175



61, 0, 57

Previews

White Background



This preview shows how the RYB color 252, 154, 245 looks on a white background.

Color Contrast Check

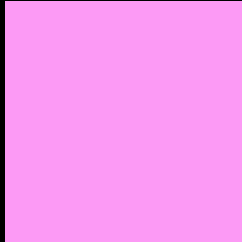
Large Text (above 18pt) WCAG AA × Fail

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 252, 154, 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 252, 154, 245 Background



This preview shows how black text looks on a background with the RYB color 252, 154, 245.

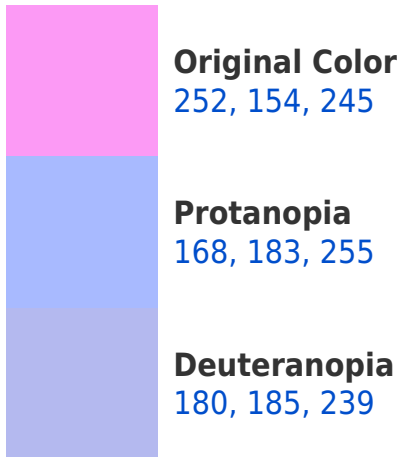



This preview shows how white text looks on a background with the RYB color 252, 154, 245.

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
244, 167, 180

Trichromacy



Original Color

252, 154, 245



Protanomaly

199, 174, 251



Deuteranomaly

206, 174, 241



Tritanomaly

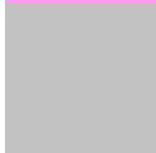
247, 162, 204

Monochromacy



Original Color

252, 154, 245



Achromatopsia

194, 194, 194



Achromatomaly

215, 179, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 154, 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(252, 154, 245) looks like.

```
.text, #text, p{  
    color:rgb(252, 154, 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(252, 154, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 154, 245) }
```

Border

The CSS property to change the border of an element to RYB 252, 154, 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(252, 154, 245) }
```

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

```
.border{ border-color:rgb(252, 154, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 154, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 154, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 154, 245);  
box-shadow:4px 4px 4px 4px rgb(252, 154,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 252, 154, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 154, 245) }
```

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

```
.background{ background-color: rgb(252,  
154, 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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