

Converting Colors

`RYB(171, 167, 251)`

Have a look what the booklet for
RYB(171, 167, 251) contains.

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Color

R_YB(171, 167, 251)

Conversions

Conversions Part 1

Format	Color
Hex	ABA7FB
RGB	171, 167, 251
RGB Percent	67%, 65%, 98%
CMY	0.3294, 0.3451, 0.0157
CMYK	0.32, 0.33, 0.00, 0.02
HSL	243°, 91%, 82%
HSV	243°, 33%, 98%
XYZ	48.0259, 43.2604, 97.0856
YIQ	177.7720, -24.5800, 26.9720

Conversions

Conversions Part 2

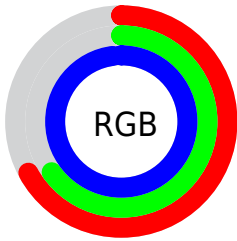
Format	Color
RYB	171, 167, 251
Decimal	11249659
CIELab	71.73, 20.09, -41.24
CIELCh	72, 45.872, 295.976
Yxy	43.2604, 0.2550, 0.2297
Android (android.graphics.Color)	4289439739 (0xFFABA7FB)
YUV	177.7720, 36.1014, -5.9390
Hunter-Lab	65.7726, 15.2351, -41.4759

Details

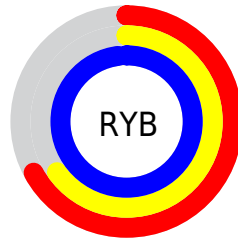
The RYB color **171, 167, 251** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **167, 251, 171**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **228, 222, 255**, and **116, 115, 194** is the 20% darker color. If you saturate the color by 10%, you get **147, 142, 251**, and if you desaturate by 10%, it is **195, 192, 251**.

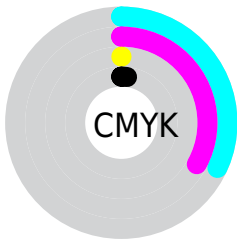
Distribution



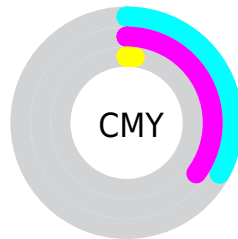
- Red (67%)
- Green (65%)
- Blue (98%)



- Red (67%)
- Yellow (65%)
- Blue (98%)



- Cyan (32%)
- Magenta (33%)
- Yellow (0%)
- Black (2%)



- Cyan (33%)
- Magenta (35%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 167, 251 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 171, 167, 251 by changing the saturation by 10% instead.

■ 171, 167, 251

255, 255, 255

■ 228, 222, 255

■ 255, 251, 255

■ 171, 167, 251

■ 143, 141, 222

■ 116, 115, 194

■ 89, 91, 167

■ 62, 67, 140

■ 34, 44, 114

■ 0, 20, 89

■ 0, 0, 65

■ 0, 3, 42

■ 0, 1, 20

■ 171, 167, 251

■ 171, 167, 251

■ 147, 142, 251

■ 195, 192, 251

■ 123, 117, 251

■ 219, 217, 251

■ 99, 92, 251

■ 243, 242, 251

■ 75, 67, 251

■ 251, 255, 251

■ 51, 41, 251

■ 28, 16, 251

■ 12, 0, 251

Harmonies

Analogous

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



95, 151, 255



171, 167, 251



223, 152, 223

Triad

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



171, 167, 251



239, 184, 108



38, 125, 197

Complementary

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



171, 167, 251



167, 251, 171

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.



115, 183, 193



171, 167, 251



143, 207, 91

Square

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



171, 167, 251



255, 144, 141



98, 184, 117



0, 102, 211

Rectangle

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



171, 167, 251



244, 144, 197



98, 184, 117



71, 146, 196

Sweetspot

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



171, 167, 251



231, 230, 255



167, 208, 251



113, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



171, 167, 251



158, 153, 255



212, 167, 251



113, 112, 125



9, 0, 189



3, 0, 61

Inverse Universe

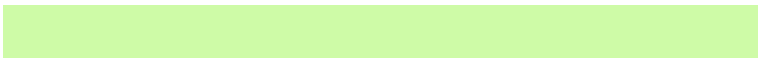
The Inverse Universe completely reimagines the original color for something new.



251, 167, 247



255, 153, 250



167, 251, 212



125, 112, 124



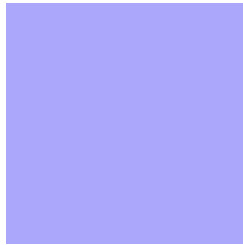
189, 0, 180



61, 0, 58

Previews

White Background



This preview shows how the RYB color 171, 167, 251 looks on a white background.

Color Contrast Check

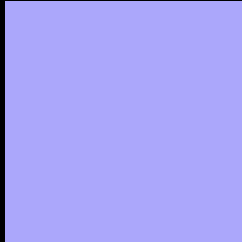
Large Text (above 18pt) WCAG AA × Fail

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 171, 167, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

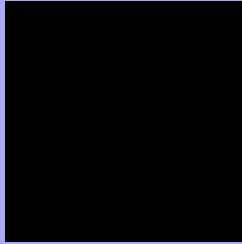
Any Text WCAG AA ✓ Pass

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 171, 167, 251 Background



This preview shows how black text looks on a background with the RYB color 171, 167, 251.



This preview shows how white text looks on a background with the RYB color 171, 167, 251.

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
171, 167, 251

Protanopia
149, 169, 255

Deuteranopia
148, 169, 250



Tritanopia
159, 172, 193

Trichromacy



Original Color
171, 167, 251

Protanomaly
157, 169, 254

Deuteranomaly
156, 169, 250

Tritanomaly
163, 173, 214

Monochromacy



Original Color
171, 167, 251

Achromatopsia
178, 178, 178

Achromatomaly
175, 174, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 167, 251 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(171, 167, 251)` looks like.

```
.text, #text, p{  
    color:rgb(171, 167, 251)  
}
```

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(171, 167, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 167, 251) }
```

Border

The CSS property to change the border of an element to RYB 171, 167, 251 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(171, 167, 251) }
```

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

```
.border{ border-color:rgb(171, 167, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 167, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 167, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 167, 251);  
box-shadow:4px 4px 4px 4px rgb(171, 167,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 171, 167, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 167, 251) }
```

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

```
.background{ background-color: rgb(171,  
167, 251) }
```

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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