

Converting Colors

`RYB(171, 162, 255)`

Have a look what the booklet for
RYB(171, 162, 255) contains.

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Color

`RYB(171, 162, 255)`

Conversions

Conversions Part 1

Format	Color
Hex	ABA2FF
RGB	171, 162, 255
RGB Percent	67%, 64%, 100%
CMY	0.3294, 0.3647, 0.0000
CMYK	0.33, 0.36, 0.00, 0.00
HSL	246°, 100%, 82%
HSV	246°, 36%, 100%
XYZ	47.7649, 41.7186, 100.1428
YIQ	175.2930, -24.4890, 30.8310

Conversions

Conversions Part 2

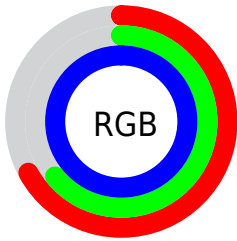
Format	Color
R _Y B	171, 162, 255
Decimal	11248383
CIE _{Lab}	70.68, 23.92, -45.06
CIE _{LCh}	71, 51.010, 297.959
Yxy	41.7186, 0.2519, 0.2200
Android (android.graphics.Color)	4289438463 (0xFFABA2FF)
YUV	175.2930, 39.2956, -3.7650
Hunter-Lab	64.5899, 18.9702, -46.7126

Details

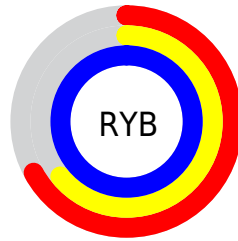
The RYB color **171, 162, 255** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **162, 255, 171**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **228, 217, 255**, and **116, 110, 198** is the 20% darker color. If you saturate the color by 10%, you get **148, 136, 255**, and if you desaturate by 10%, it is **194, 187, 255**.

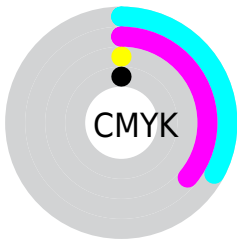
Distribution



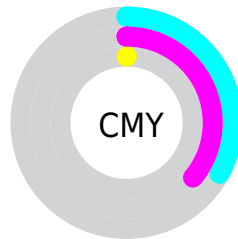
- Red (67%)
- Green (64%)
- Blue (100%)



- Red (67%)
- Yellow (64%)
- Blue (100%)



- Cyan (33%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)




- Cyan (33%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 162, 255 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, 162, 255 by changing the saturation by 10% instead.

 171, 162, 255

255, 255, 255


 228, 217, 255

 255, 245, 255

 171, 162, 255


 143, 136, 226

 116, 110, 198

 88, 86, 170

 61, 63, 143


 31, 40, 117


 0, 17, 92


 0, 0, 68

 0, 3, 45

 0, 1, 23

 171, 162, 255

 171, 162, 255

 148, 136, 255

 194, 187, 255

 125, 111, 255

 217, 213, 255

 102, 86, 255

 240, 239, 255

 79, 60, 255

255, 255, 255

 56, 34, 255

 33, 9, 255

 25, 0, 255

Harmonies

Analogous

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



79, 143, 255



171, 162, 255



227, 144, 223

Triad

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



171, 162, 255



239, 189, 95



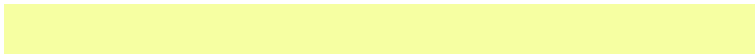
0, 106, 196

Complementary

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



171, 162, 255



162, 255, 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.



98, 173, 192



171, 162, 255



124, 203, 77

Square

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



171, 162, 255



255, 138, 132



88, 183, 114



0, 103, 215

Rectangle

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



171, 162, 255



250, 136, 194



88, 183, 114



30, 125, 195

Sweetspot

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



171, 162, 255



230, 227, 255



162, 206, 255



113, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



171, 162, 255



154, 143, 255



216, 162, 255



116, 115, 128



19, 0, 191



6, 0, 64

Inverse Universe

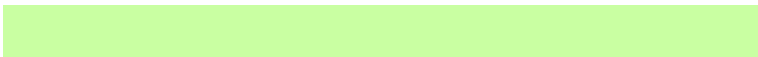
The Inverse Universe completely reimagines the original color for something new.



255, 162, 246



255, 143, 244



162, 255, 216



128, 115, 126



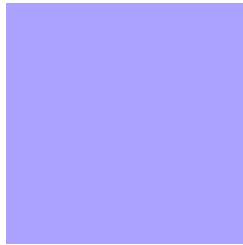
191, 0, 173



64, 0, 58

Previews

White Background



This preview shows how the RYB color 171, 162, 255 looks on a white background.

Color Contrast Check

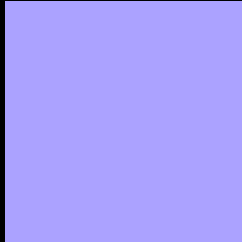
Large Text (above 18pt) WCAG AA × Fail

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, 162, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

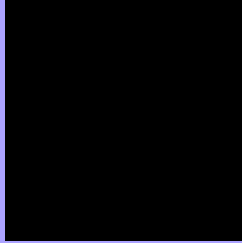
Any Text WCAG AA ✓ Pass

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, 162, 255 Background



This preview shows how black text looks on a background with the RYB color 171, 162, 255.



This preview shows how white text looks on a background with the RYB color 171, 162, 255.

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, 162, 255

Protanopia
144, 165, 255

Deuteranopia
139, 165, 253



Tritanopia
157, 169, 189

Trichromacy



Original Color
171, 162, 255

Protanomaly
154, 166, 255

Deuteranomaly
151, 166, 254

Tritanomaly
162, 169, 213

Monochromacy



Original Color
171, 162, 255

Achromatopsia
175, 175, 175

Achromatomaly
174, 170, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 162, 255 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, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 162, 255)  
}
```

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, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 162, 255) }
```

Border

The CSS property to change the border of an element to RYB 171, 162, 255 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, 162, 255) }
```

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

```
.border{ border-color:rgb(171, 162, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 162, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 162,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 171, 162, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 162, 255) }
```

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

```
.background{ background-color: rgb(171,  
162, 255) }
```

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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