

Converting Colors

`RYB(161, 171, 239)`

Have a look what the booklet for RYB(161, 171, 239) contains.

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Color

R_YB(161, 171, 239)

Conversions

Conversions Part 1

Format	Color
Hex	A1ACEF
RGB	161, 172, 239
RGB Percent	63%, 67%, 94%
CMY	0.3686, 0.3236, 0.0627
CMYK	0.33, 0.28, 0.00, 0.06
HSL	231°, 71%, 78%
HSV	231°, 33%, 94%
XYZ	45.1202, 43.4936, 87.6784
YIQ	176.3490, -28.0630, 18.5050

Conversions

Conversions Part 2

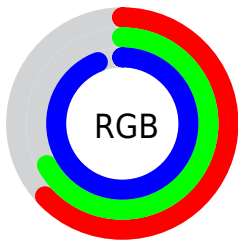
Format	Color
R_{YB}	161, 171, 239
Decimal	10595567
CIE _{Lab}	71.89, 11.21, -34.54
CIE _{LCh}	72, 36.312, 287.988
Yxy	43.4936, 0.2559, 0.2467
Android (android.graphics.Color)	4288785647 (0xFFA1ACEF)
YUV	176.3490, 30.8869, -13.4611
Hunter-Lab	65.9496, 6.7109, -32.6598

Details

The RYB color **161, 171, 239** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **174, 239, 161**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **217, 225, 255**, and **107, 118, 183** is the 20% darker color. If you saturate the color by 10%, you get **137, 150, 239**, and if you desaturate by 10%, it is **185, 192, 239**.

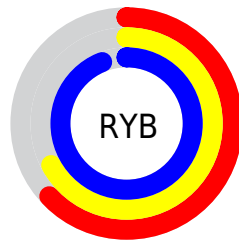
Distribution



Red (63%)

Green (67%)

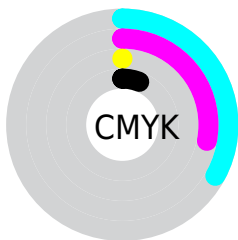
Blue (94%)



Red (63%)

Yellow (67%)

Blue (94%)

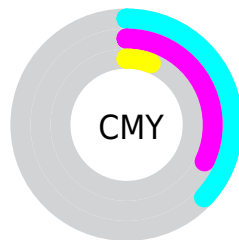


Cyan (33%)

Magenta (28%)

Yellow (0%)

Black (6%)



Cyan (37%)


Magenta (32%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the RYB color 161, 171, 239 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 161, 171, 239 by changing the saturation by 10% instead.

 161, 171, 239

 161, 171, 239


255, 255, 255

 134, 144, 211

 217, 226, 255

 107, 118, 183

 246, 251, 255

 80, 93, 156

 54, 69, 129

 25, 44, 104

 0, 21, 80

 0, 3, 56

 0, 2, 34

 0, 0, 8

■ 161, 171, 239

■ 161, 171, 239

■ 137, 150, 239

■ 185, 192, 239

■ 113, 130, 239

■ 209, 213, 239

■ 89, 108, 239

■ 233, 234, 239

■ 65, 88, 239

■ 240, 255, 239

■ 42, 67, 239

■ 239, 255, 239

■ 18, 46, 239

■ 0, 31, 239

Harmonies

Analogous

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



107, 155, 240



161, 171, 239



205, 161, 221

Triad

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



161, 171, 239



233, 170, 128



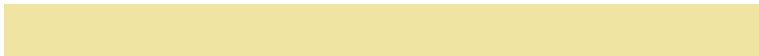
99, 156, 193

Complementary

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



161, 171, 239



174, 239, 161

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.



131, 189, 179



161, 171, 239



178, 210, 111

Square

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



161, 171, 239



242, 151, 157



112, 180, 114



60, 127, 195

Rectangle

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



161, 171, 239



225, 154, 202



112, 180, 114



113, 167, 192

Sweetspot

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



161, 171, 239



230, 233, 255



161, 203, 239



112, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



161, 171, 239



156, 168, 255



188, 161, 239



108, 110, 120



0, 24, 184



0, 7, 56

Inverse Universe

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



239, 161, 172



255, 156, 170



161, 239, 188



120, 108, 110



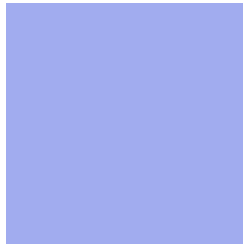
184, 0, 27



56, 0, 8

Previews

White Background



This preview shows how the RYB color 161, 171, 239 looks on a white background.

Color Contrast Check

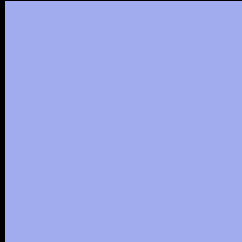
Large Text (above 18pt) WCAG AA × Fail

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 161, 171, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

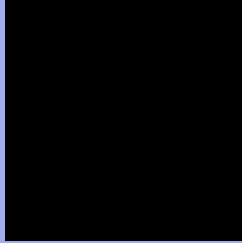
Any Text WCAG AA ✓ Pass

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 161, 171, 239 Background



This preview shows how black text looks on a background with the RYB color 161, 171, 239.



This preview shows how white text looks on a background with the RYB color 161, 171, 239.

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](#).

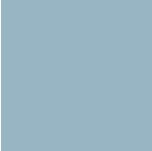
Dichromacy



Original Color
161, 171, 239

Protanopia
157, 171, 240

Deuteranopia
157, 171, 239



Tritanopia
151, 169, 195

Trichromacy



Original Color

161, 171, 239

Protanomaly

158, 171, 240

Deuteranomaly

158, 171, 239

Tritanomaly

155, 171, 211

Monochromacy



Original Color

161, 171, 239

Achromatopsia

177, 177, 177

Achromatomaly

171, 175, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 171, 239 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(161, 172, 239)` looks like.

```
.text, #text, p{  
    color:rgb(161, 172, 239)  
}
```

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(161, 172, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 172, 239) }
```

Border

The CSS property to change the border of an element to RYB 161, 171, 239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

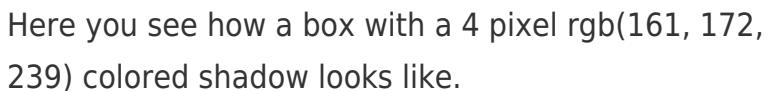
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 172, 239) }
```

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

```
.border{ border-color:rgb(161, 172, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 172, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 172, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 172, 239);  
box-shadow:4px 4px 4px 4px rgb(161, 172,  
239) }
```

Background

The CSS property to change the background color of an element to RYB 161, 171, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 172, 239) }
```

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

```
.background{ background-color: rgb(161,  
172, 239) }
```

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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