

Converting Colors

`RYB(176, 176, 254)`

Have a look what the booklet for
RYB(176, 176, 254) contains.

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Color

R_YB(176, 176, 254)

Conversions

Conversions Part 1

Format	Color
Hex	B0B0FE
RGB	176, 176, 254
RGB Percent	69%, 69%, 100%
CMY	0.3098, 0.3098, 0.0039
CMYK	0.31, 0.31, 0.00, 0.00
HSL	240°, 98%, 84%
HSV	240°, 31%, 100%
XYZ	51.3192, 47.4365, 100.2173
YIQ	184.8920, -25.0380, 24.2580

Conversions

Conversions Part 2

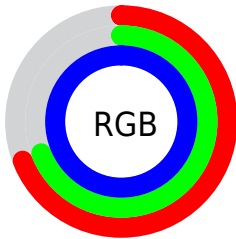
Format	Color
R _Y B	176, 176, 254
Decimal	11579646
CIE Lab	74.47, 17.20, -38.57
CIE LCh	74, 42.228, 294.033
Yxy	47.4365, 0.2579, 0.2384
Android (android.graphics.Color)	4289769726 (0xFFB0B0FE)
YUV	184.8920, 34.0702, -7.7983
Hunter-Lab	68.8742, 12.4733, -38.0596

Details

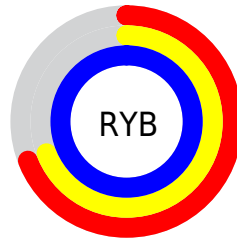
The RYB color **176, 176, 254** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **176, 254, 176**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **233, 232, 255**, and **121, 124, 197** is the 20% darker color. If you saturate the color by 10%, you get **151, 151, 254**, and if you desaturate by 10%, it is **201, 201, 254**.

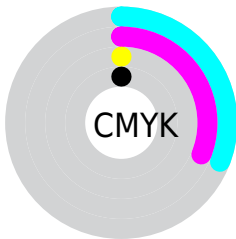
Distribution



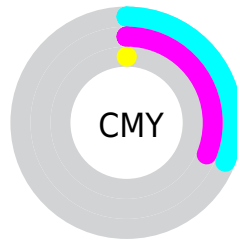
- Red (69%)
- Green (69%)
- Blue (100%)



- Red (69%)
- Yellow (69%)
- Blue (100%)



- Cyan (31%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 176, 176, 254 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 176, 176, 254 by changing the saturation by 10% instead.


 176, 176, 254

255, 255, 255

 233, 232, 255

 176, 176, 254

 148, 149, 225

 121, 124, 197

 94, 99, 169

 68, 74, 143

 41, 51, 117

 5, 26, 92


 0, 9, 68

 0, 3, 45

 0, 1, 23

 176, 176, 254


 176, 176, 254

 151, 151, 254

 201, 201, 254

 125, 125, 254

 227, 227, 254

 100, 100, 254

 252, 252, 254

 74, 74, 254

254, 255, 254

 49, 49, 254

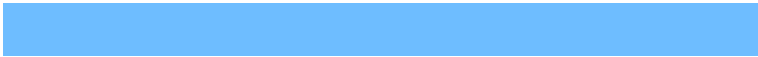
 24, 24, 254

 0, 0, 254

Harmonies

Analogous

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



110, 161, 255



176, 176, 254



225, 162, 229

Triad

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



176, 176, 254



244, 188, 122



76, 148, 203

Complementary

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



176, 176, 254



176, 254, 176

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, 194, 199



176, 176, 254



161, 215, 105

Square

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



176, 176, 254



255, 154, 154



111, 190, 124



0, 104, 213

Rectangle

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



176, 176, 254



246, 155, 206



111, 190, 124



96, 162, 202

Sweetspot

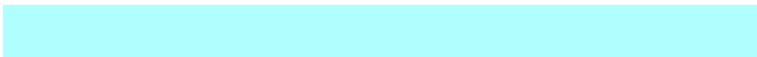
The Sweet Spot groups the original color and five complimentary colors.



176, 176, 254



232, 232, 255



176, 215, 254



113, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



176, 176, 254



161, 161, 255



215, 176, 254



115, 115, 128



0, 0, 191



0, 0, 64

Inverse Universe

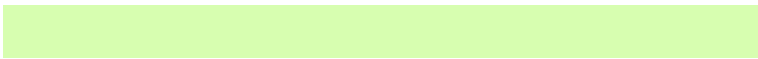
The Inverse Universe completely reimagines the original color for something new.



254, 176, 254



255, 161, 255



176, 254, 215



128, 115, 128



191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RYB color 176, 176, 254 looks on a white background.

Color Contrast Check

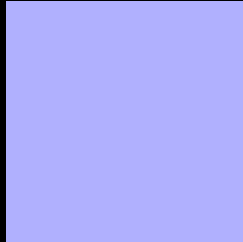
Large Text (above 18pt) WCAG AA × Fail

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 176, 176, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

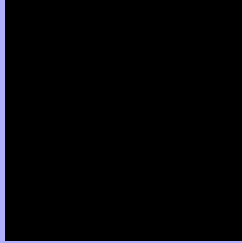
Any Text WCAG AA ✓ Pass

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 176, 176, 254 Background



This preview shows how black text looks on a background with the RYB color 176, 176, 254.



This preview shows how white text looks on a background with the RYB color 176, 176, 254.

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](#).

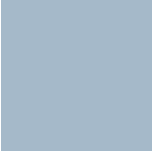
Dichromacy



Original Color
176, 176, 254

Protanopia
160, 177, 255

Deuteranopia
160, 177, 253



Tritanopia
165, 178, 201

Trichromacy



Original Color
176, 176, 254

Protanomaly
166, 177, 255

Deuteranomaly
166, 177, 253

Tritanomaly
169, 179, 220

Monochromacy



Original Color
176, 176, 254

Achromatopsia
185, 185, 185

Achromatomaly
182, 182, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 176, 254 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(176, 176, 254)` looks like.

```
.text, #text, p{  
    color:rgb(176, 176, 254)  
}
```

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(176, 176, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 176, 254) }
```

Border

The CSS property to change the border of an element to RYB 176, 176, 254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

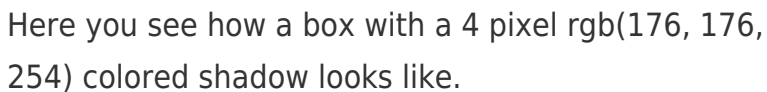
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 176, 254) }
```

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

```
.border{ border-color:rgb(176, 176, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 176, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 176, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 176, 254); box-shadow:4px 4px 4px 4px rgb(176, 176, 254) }
```

Background

The CSS property to change the background color of an element to RYB 176, 176, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 176, 254) }
```

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

```
.background{ background-color: rgb(176,  
176, 254) }
```

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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