

Converting Colors

`RYB(162, 176, 247)`

Have a look what the booklet for
RYB(162, 176, 247) contains.

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Color

R_YB(162, 176, 247)

Conversions

Conversions Part 1

Format	Color
Hex	A2B3F7
RGB	162, 179, 247
RGB Percent	64%, 70%, 97%
CMY	0.3647, 0.2990, 0.0314
CMYK	0.34, 0.28, 0.00, 0.03
HSL	228°, 84%, 80%
HSV	228°, 34%, 97%
XYZ	47.7609, 46.5411, 94.4617
YIQ	181.6690, -31.9600, 17.5440

Conversions

Conversions Part 2

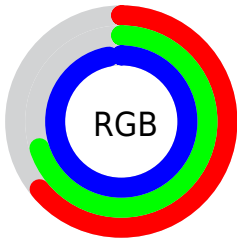
Format	Color
RYB	162, 176, 247
Decimal	10662903
CIELab	73.90, 10.03, -35.76
CIElCh	74, 37.137, 285.670
Yxy	46.5411, 0.2530, 0.2466
Android (android.graphics.Color)	4288852983 (0xFFA2B3F7)
YUV	181.6690, 32.2082, -17.2497
Hunter-Lab	68.2210, 5.5795, -34.3407

Details

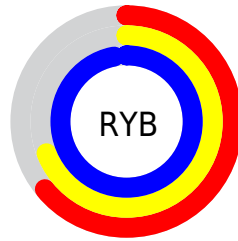
The RYB color **162, 176, 247** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **183, 247, 162**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **219, 230, 255**, and **107, 123, 190** is the 20% darker color. If you saturate the color by 10%, you get **137, 155, 247**, and if you desaturate by 10%, it is **187, 197, 247**.

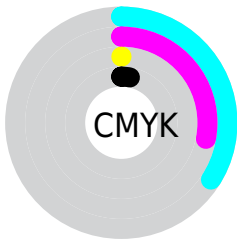
Distribution



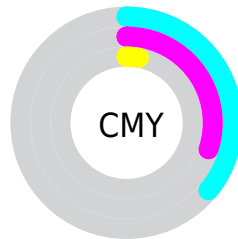
- Red (64%)
- Green (70%)
- Blue (97%)



- Red (64%)
- Yellow (69%)
- Blue (97%)



- Cyan (34%)
- Magenta (28%)
- Yellow (0%)
- Black (3%)




- Cyan (36%)
- Magenta (30%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 176, 247 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 162, 176, 247 by changing the saturation by 10% instead.


 162, 176, 247

255, 255, 255


 219, 230, 255

 248, 252, 255

 162, 176, 247

 134, 149, 218


 107, 122, 190

 81, 97, 163

 53, 72, 137

 23, 46, 111

 0, 24, 86

 0, 10, 63

 0, 3, 40

 0, 1, 18

■ 162, 176, 247

■ 162, 176, 247

■ 137, 155, 247

■ 187, 197, 247

■ 113, 135, 247

■ 211, 217, 247

■ 88, 114, 247

■ 236, 238, 247

■ 63, 93, 247

■ 247, 255, 247

■ 38, 73, 247

■ 14, 52, 247

■ 0, 41, 247

Harmonies

Analogous

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



107, 159, 247



162, 176, 247



208, 166, 229

Triad

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



162, 176, 247



241, 174, 134



106, 163, 199

Complementary

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



162, 176, 247



183, 247, 162

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.



133, 194, 179



162, 176, 247



196, 219, 116

Square

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



162, 176, 247



249, 156, 165



117, 187, 115



64, 132, 200

Rectangle

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



162, 176, 247



230, 160, 210



117, 187, 115



120, 175, 198

Sweetspot

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



162, 176, 247



230, 234, 255



162, 209, 247



112, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



162, 176, 247



150, 168, 255



187, 162, 247



110, 112, 122



0, 31, 186



0, 10, 59

Inverse Universe

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



247, 162, 179



255, 150, 171



162, 247, 187



122, 110, 113



186, 0, 37



59, 0, 12

Previews

White Background



This preview shows how the RYB color 162, 176, 247 looks on a white background.

Color Contrast Check

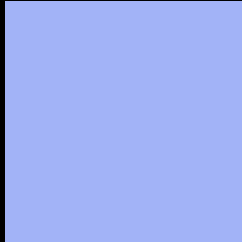
Large Text (above 18pt) WCAG AA × Fail

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 162, 176, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

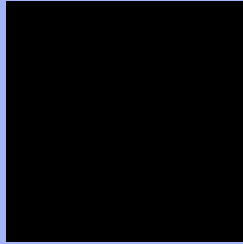
Any Text WCAG AA ✓ Pass

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 162, 176, 247 Background



This preview shows how black text looks on a background with the RYB color 162, 176, 247.



This preview shows how white text looks on a background with the RYB color 162, 176, 247.

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](#).

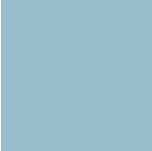
Dichromacy



Original Color
162, 176, 247

Protanopia
161, 176, 247

Deuteranopia
162, 176, 247



Tritanopia
152, 173, 202

Trichromacy



Original Color

162, 176, 247

Protanomaly

161, 176, 247

Deuteranomaly

162, 176, 247

Tritanomaly

156, 175, 218

Monochromacy



Original Color

162, 176, 247

Achromatopsia

182, 182, 182

Achromatomaly

175, 180, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 176, 247 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(162, 179, 247)` looks like.

```
.text, #text, p{  
    color:rgb(162, 179, 247)  
}
```

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(162, 179, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 179, 247) }
```

Border

The CSS property to change the border of an element to RYB 162, 176, 247 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(162, 179, 247) }
```

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

```
.border{ border-color:rgb(162, 179, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 179, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 179, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 179, 247);  
box-shadow:4px 4px 4px 4px rgb(162, 179,  
247) }
```

Background

The CSS property to change the background color of an element to RYB 162, 176, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 179, 247) }
```

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

```
.background{ background-color: rgb(162,  
179, 247) }
```

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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