

Converting Colors

`RYB(162, 181, 217)`

Have a look what the booklet for RYB(162, 181, 217) contains.

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Color

R_YB(162, 181, 217)

Conversions

Conversions Part 1

Format	Color
Hex	A2BFD9
RGB	162, 191, 217
RGB Percent	64%, 75%, 85%
CMY	0.3647, 0.2509, 0.1490
CMYK	0.25, 0.12, 0.00, 0.15
HSL	208°, 42%, 74%
HSV	208°, 25%, 85%
XYZ	46.0615, 49.9649, 72.8621
YIQ	185.2930, -25.6300, 1.9380

Conversions

Conversions Part 2

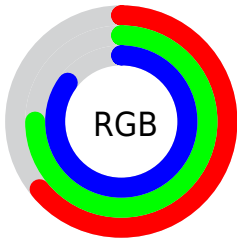
Format	Color
RYB	162, 181, 217
Decimal	10665945
CIELab	76.05, -4.02, -16.23
CIELCh	76, 16.722, 256.094
Yxy	49.9649, 0.2727, 0.2958
Android (android.graphics.Color)	4288856025 (0xFFA2BFD9)
YUV	185.2930, 15.6316, -20.4280
Hunter-Lab	70.6858, -7.3829, -11.6354

Details

The RYB color **162, 181, 217** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **217, 211, 162**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **218, 234, 255**, and **109, 128, 162** is the 20% darker color. If you saturate the color by 10%, you get **140, 167, 217**, and if you desaturate by 10%, it is **184, 195, 217**.

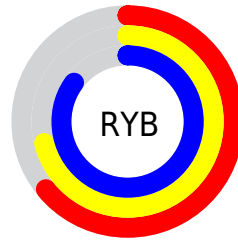
Distribution



Red (64%)

Green (75%)

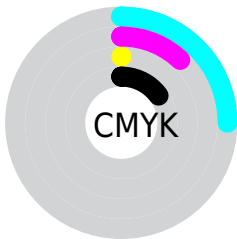
Blue (85%)



Red (64%)

Yellow (71%)

Blue (85%)

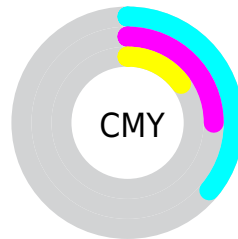


Cyan (25%)

Magenta (12%)

Yellow (0%)

Black (15%)



Cyan (36%)

Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 181, 217 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, 181, 217 by changing the saturation by 10% instead.

■ 162, 181, 217

255, 255, 255

■ 218, 234, 255

■ 246, 251, 255

■ 162, 181, 217

■ 135, 154, 189

■ 109, 128, 162

■ 84, 102, 136

■ 59, 77, 110

■ 35, 54, 86

■ 7, 29, 63

■ 0, 14, 41

■ 0, 1, 20

■ 0, 0, 0

■ 162, 181, 217

■ 162, 181, 217

■ 140, 167, 217

■ 184, 195, 217

■ 119, 153, 217

■ 205, 209, 217

■ 97, 138, 217

■ 227, 227, 217

■ 75, 124, 217

■ 249, 245, 217

■ 53, 110, 217

■ 237, 255, 217

■ 32, 96, 217

■ 219, 255, 217

■ 10, 81, 217

■ 217, 255, 217

■ 0, 75, 217

Harmonies

Analogous

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



149, 175, 209



162, 181, 217



181, 185, 217

Triad

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



162, 181, 217



220, 177, 180



166, 193, 186

Complementary

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



162, 181, 217



217, 211, 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.



160, 191, 158



162, 181, 217



217, 183, 166

Square

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



162, 181, 217



214, 178, 195



201, 207, 158



157, 182, 196

Rectangle

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



162, 181, 217



194, 183, 212



201, 207, 158



162, 192, 175

Sweetspot

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



162, 181, 217



235, 242, 255



162, 199, 217



115, 119, 128



0, 0, 0



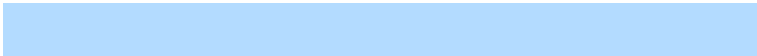
128, 128, 128

Same Dimension

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



162, 181, 217



179, 205, 255



162, 164, 217



99, 102, 110



0, 60, 173



0, 16, 46

Inverse Universe

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



217, 162, 191



255, 179, 219



164, 217, 162



110, 99, 104



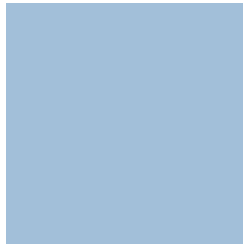
173, 0, 92



46, 0, 24

Previews

White Background



This preview shows how the RYB color 162, 181, 217 looks on a white background.

Color Contrast Check

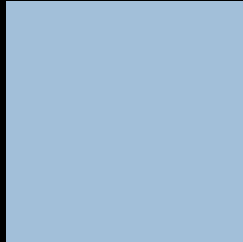
Large Text (above 18pt) WCAG AA × Fail

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, 181, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

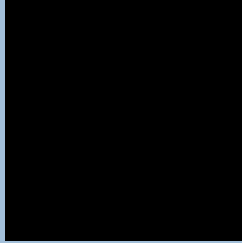
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

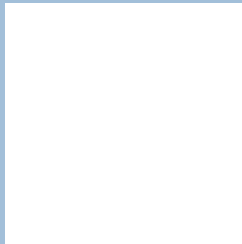
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 162, 181, 217 Background



This preview shows how black text looks on a background with the RYB color 162, 181, 217.



This preview shows how white text looks on a background with the RYB color 162, 181, 217.

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](#).

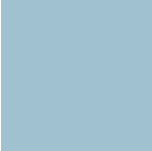
Dichromacy



Original Color
162, 181, 217

Protanopia
183, 186, 213

Deuteranopia
190, 183, 219



Tritanopia
160, 180, 208

Trichromacy



Original Color
162, 181, 217

Protanomaly
175, 185, 214

Deuteranomaly
180, 185, 218

Tritanomaly
161, 180, 211

Monochromacy



Original Color
162, 181, 217

Achromatopsia
185, 185, 185

Achromatomaly
177, 184, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 181, 217 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, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(162, 191, 217)  
}
```

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, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 191, 217) }
```

Border

The CSS property to change the border of an element to RYB 162, 181, 217 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, 191, 217) }
```

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

```
.border{ border-color:rgb(162, 191, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(162, 191,  
217) }
```

Background

The CSS property to change the background color of an element to RYB 162, 191, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 191, 217) }
```

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

```
.background{ background-color: rgb(162,  
191, 217) }
```

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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