

Converting Colors

`RYB(162, 167, 179)`

Have a look what the booklet for
RYB(162, 167, 179) contains.

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Color

RYB(162, 167, 179)

Conversions

Conversions Part 1

Format	Color
Hex	A2A9B3
RGB	162, 169, 179
RGB Percent	64%, 66%, 70%
CMY	0.3647, 0.3369, 0.2980
CMYK	0.09, 0.06, 0.00, 0.30
HSL	215°, 10%, 67%
HSV	215°, 9%, 70%
XYZ	37.2405, 39.3430, 48.2790
YIQ	168.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

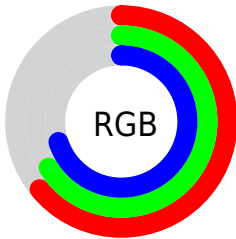
Format	Color
R _Y B	162, 167, 179
Decimal	10660275
CIE Lab	69.00, -0.50, -5.96
CIE LCh	69, 5.980, 265.172
Yxy	39.3430, 0.2983, 0.3151
Android (android.graphics.Color)	4288850355 (0xFFA2A9B3)
YUV	168.0470, 5.3998, -5.3032
Hunter-Lab	62.7240, -3.7881, -1.7290

Details

The RYB color **162, 167, 179** is a light color, and the websafe version is hex **999999**. A complement of this color would be **174, 179, 162**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **217, 222, 235**, and **110, 115, 126** is the 20% darker color. If you saturate the color by 10%, you get **144, 155, 179**, and if you desaturate by 10%, it is **179, 180, 179**.

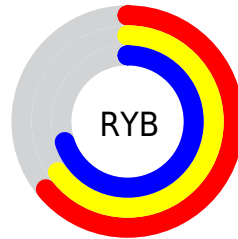
Distribution



Red (64%)

Green (66%)

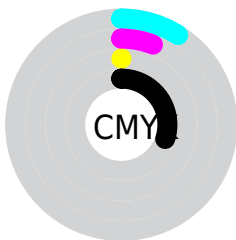
Blue (70%)



Red (64%)

Yellow (65%)

Blue (70%)

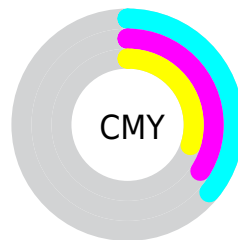


Cyan (9%)

Magenta (6%)

Yellow (0%)

Black (30%)



Cyan (36%)

Magenta (34%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 167, 179 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, 167, 179 by changing the saturation by 10% instead.

■ 162, 167, 179

255, 255, 255

■ 217, 222, 235

■ 245, 249, 255

■ 162, 167, 179

■ 136, 141, 152

■ 110, 115, 126

■ 86, 90, 101

■ 63, 67, 77

■ 41, 45, 55

■ 20, 24, 33

■ 0, 0, 10

■ 0, 0, 0

■ 162, 167, 179

■ 162, 167, 179

■ 144, 155, 179

■ 179, 180, 179

■ 126, 142, 179

■ 193, 198, 179

■ 108, 129, 179

■ 207, 216, 179

■ 90, 116, 179

■ 219, 234, 179

■ 73, 104, 179

■ 230, 251, 179

■ 55, 91, 179

■ 212, 255, 179

■ 37, 79, 179

■ 195, 255, 179

■ 19, 66, 179

■ 181, 255, 179

■ 1, 53, 179

■ 179, 255, 179

Harmonies

Analogous

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



157, 165, 177



162, 167, 179



169, 167, 178

Triad

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



162, 167, 179



180, 165, 164



162, 171, 171

Complementary

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



162, 167, 179



174, 179, 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.



159, 169, 160



162, 167, 179



179, 169, 160

Square

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



162, 167, 179



179, 165, 169



168, 174, 158



157, 166, 172

Rectangle

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



162, 167, 179



173, 166, 176



168, 174, 158



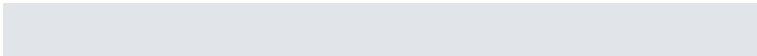
161, 170, 167

Sweetspot

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



162, 167, 179



225, 227, 232



162, 173, 179



113, 114, 117



245, 245, 245



117, 117, 117

Same Dimension

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



162, 167, 179



207, 214, 232



163, 162, 179



80, 83, 89



0, 45, 153



0, 8, 26

Inverse Universe

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



179, 162, 169



232, 207, 217



162, 179, 163



89, 80, 84



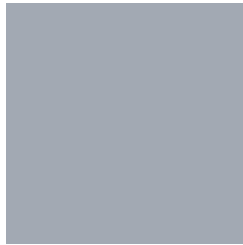
153, 0, 64



26, 0, 11

Previews

White Background



This preview shows how the RYB color 162, 167, 179 looks on a white background.

Color Contrast Check

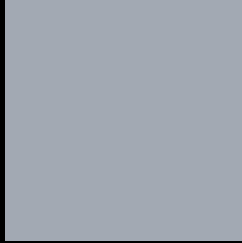
Large Text (above 18pt) WCAG AA × Fail

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, 167, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

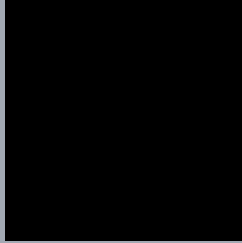
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

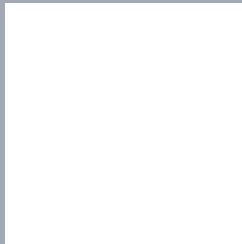
Any Text WCAG AAA ✓ Pass

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

RYB 162, 167, 179 Background



This preview shows how black text looks on a background with the RYB color 162, 167, 179.



This preview shows how white text looks on a background with the RYB color 162, 167, 179.

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, 167, 179

Protanopia
168, 167, 178

Deuteranopia
179, 163, 180



Tritanopia
163, 168, 182

Trichromacy



Original Color
162, 167, 179

Protanomaly
166, 168, 178

Deuteranomaly
173, 165, 180

Tritanomaly
163, 168, 181

Monochromacy



Original Color
162, 167, 179

Achromatopsia
168, 168, 168

Achromatomaly
166, 168, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 167, 179 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, 169, 179)` looks like.

```
.text, #text, p{  
    color:rgb(162, 169, 179)  
}
```

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, 169, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 169, 179) }
```

Border

The CSS property to change the border of an element to RYB 162, 167, 179 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, 169, 179) }
```

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

```
.border{ border-color:rgb(162, 169, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 169, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 169, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 169, 179);  
box-shadow:4px 4px 4px 4px rgb(162, 169,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 162, 167, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 169, 179) }
```

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

```
.background{ background-color: rgb(162,  
169, 179) }
```

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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