

Converting Colors

`RYB(162, 170, 186)`

Have a look what the booklet for
RYB(162, 170, 186) contains.

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Color

R_YB(162, 170, 186)

Conversions

Conversions Part 1

Format	Color
Hex	A2AEBA
RGB	162, 174, 186
RGB Percent	64%, 68%, 73%
CMY	0.3647, 0.3176, 0.2706
CMYK	0.13, 0.06, 0.00, 0.27
HSL	210°, 15%, 68%
HSV	210°, 13%, 73%
XYZ	38.8993, 41.4987, 52.4142
YIQ	171.7800, -11.0040, 1.1880

Conversions

Conversions Part 2

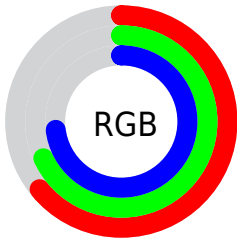
Format	Color
R _Y B	162, 170, 186
Decimal	10661562
CIE Lab	70.52, -1.72, -7.57
CIE LCh	71, 7.759, 257.175
Yxy	41.4987, 0.2929, 0.3125
Android (android.graphics.Color)	4288851642 (0xFFA2AEBA)
YUV	171.7800, 7.0105, -8.5771
Hunter-Lab	64.4195, -4.9480, -3.1471

Details

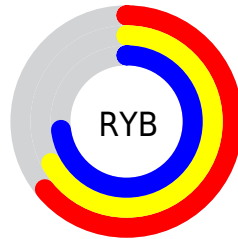
The RYB color **162, 170, 186** is a light color, and the websafe version is hex **999999**. A complement of this color would be **186, 186, 162**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **217, 225, 242**, and **110, 118, 133** is the 20% darker color. If you saturate the color by 10%, you get **143, 158, 186**, and if you desaturate by 10%, it is **181, 182, 186**.

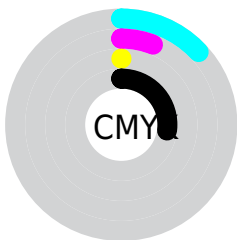
Distribution



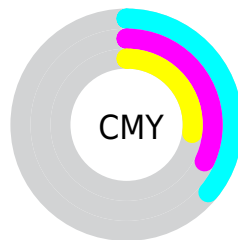
- Red (64%)
- Green (68%)
- Blue (73%)



- Red (64%)
- Yellow (67%)
- Blue (73%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)




- Cyan (36%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 170, 186 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, 170, 186 by changing the saturation by 10% instead.


 162, 170, 186


255, 255, 255

 217, 225, 242

 245, 250, 255

 162, 170, 186

 136, 143, 159

 110, 118, 133

 86, 93, 108

 62, 69, 83

 40, 47, 60

 19, 26, 39

 0, 3, 18

 0, 0, 0

 162, 170, 186

 162, 170, 186

■ 143, 158, 186

■ 181, 182, 186

■ 125, 145, 186

■ 197, 199, 186

■ 106, 133, 186

■ 218, 218, 186

■ 88, 121, 186

■ 236, 236, 186

■ 69, 108, 186

■ 255, 253, 186

■ 50, 95, 186

■ 225, 255, 186

■ 32, 83, 186

■ 207, 255, 186

■ 13, 71, 186

■ 194, 255, 186

■ 0, 62, 186

■ 186, 255, 186

Harmonies

Analogous

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



156, 167, 183



162, 170, 186



170, 172, 186

Triad

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



162, 170, 186



188, 168, 169



163, 175, 172

Complementary

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



162, 170, 186



186, 186, 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, 174, 159



162, 170, 186



187, 172, 162

Square

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



162, 170, 186



185, 168, 176



180, 182, 159



159, 171, 177

Rectangle

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



162, 170, 186



176, 170, 184



180, 182, 159



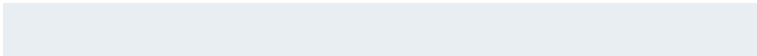
161, 175, 167

Sweetspot

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



162, 170, 186



233, 236, 242



162, 178, 186



116, 118, 122



250, 250, 250



122, 122, 122

Same Dimension

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



162, 170, 186



206, 218, 242



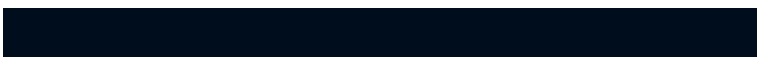
162, 162, 186



83, 86, 92



0, 52, 156



0, 9, 28

Inverse Universe

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



186, 162, 174



242, 206, 224



162, 186, 162



92, 83, 87



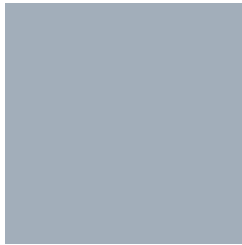
156, 0, 78



28, 0, 14

Previews

White Background



This preview shows how the RYB color 162, 170, 186 looks on a white background.

Color Contrast Check

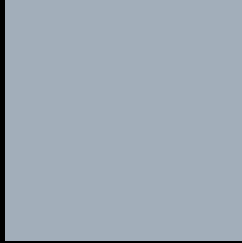
Large Text (above 18pt) WCAG AA × Fail

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, 170, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

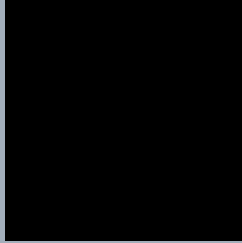
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

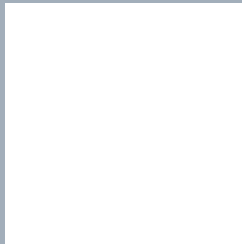
Any Text WCAG AAA ✓ Pass

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

RYB 162, 170, 186 Background



This preview shows how black text looks on a background with the RYB color 162, 170, 186.



This preview shows how white text looks on a background with the RYB color 162, 170, 186.

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](#).

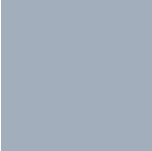
Dichromacy



Original Color
162, 170, 186

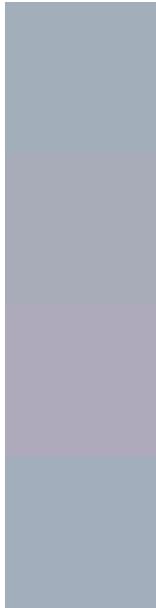
Protanopia
172, 171, 184

Deuteranopia
182, 167, 187



Tritanopia
162, 170, 188

Trichromacy



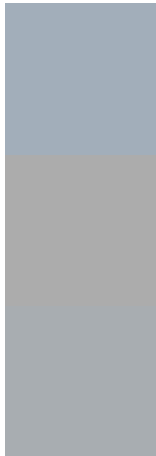
Original Color
162, 170, 186

Protanomaly
168, 171, 185

Deuteranomaly
175, 170, 187

Tritanomaly
162, 170, 187

Monochromacy



Original Color
162, 170, 186

Achromatopsia
172, 172, 172

Achromatomaly
168, 171, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 170, 186 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, 174, 186) looks like.

```
.text, #text, p{  
    color:rgb(162, 174, 186)  
}
```

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, 174, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 174, 186) }
```

Border

The CSS property to change the border of an element to RYB 162, 170, 186 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, 174, 186) }
```

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

```
.border{ border-color:rgb(162, 174, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 174, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 174, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 174, 186);  
box-shadow:4px 4px 4px 4px rgb(162, 174,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 162, 170, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 174, 186) }
```

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

```
.background{ background-color: rgb(162,  
174, 186) }
```

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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