

Converting Colors

`RYB(168, 181, 183)`

Have a look what the booklet for
RYB(168, 181, 183) contains.

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Color

RYB(168, 181, 183)

Conversions

Conversions Part 1

Format	Color
Hex	A8B7AA
RGB	168, 183, 170
RGB Percent	66%, 72%, 67%
CMY	0.3412, 0.2824, 0.3321
CMYK	0.08, 0.00, 0.07, 0.28
HSL	129°, 9%, 69%
HSV	129°, 8%, 72%
XYZ	40.3668, 45.1057, 44.7617
YIQ	177.0330, -4.7670, -7.2230

Conversions

Conversions Part 2

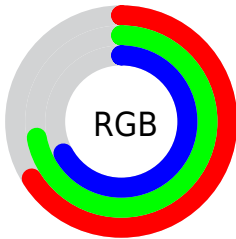
Format	Color
RYB	168, 181, 183
Decimal	11057066
CIELab	72.96, -7.62, 4.67
CIELCh	73, 8.936, 148.492
Yxy	45.1057, 0.3100, 0.3463
Android (android.graphics.Color)	4289247146 (0xFFA8B7AA)
YUV	177.0330, -3.4673, -7.9219
Hunter-Lab	67.1608, -10.2446, 7.4966

Details

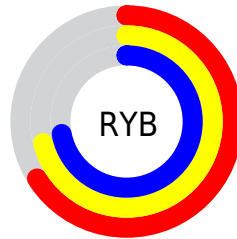
The RYB color **168, 181, 183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **183, 168, 181**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **223, 237, 239**, and **116, 128, 130** is the 20% darker color. If you saturate the color by 10%, you get **150, 179, 183**, and if you desaturate by 10%, it is **186, 183, 186**.

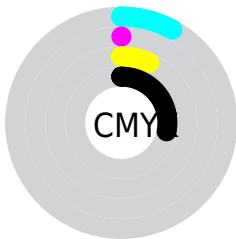
Distribution



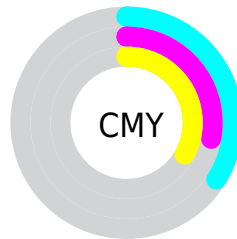
- Red (66%)
- Green (72%)
- Blue (67%)



- Red (66%)
- Yellow (71%)
- Blue (72%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (28%)



- Cyan (34%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 181, 183 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 168, 181, 183 by changing the saturation by 10% instead.


 168, 181, 183

255, 255, 255


 223, 236, 239


 252, 254, 255

 168, 181, 183

 142, 154, 156

 116, 128, 130

 91, 103, 105


 68, 79, 81

 45, 56, 58

 25, 34, 36

 0, 15, 15

 0, 0, 0

 168, 181, 183

 168, 181, 183

■ 150, 179, 183

■ 186, 183, 186

■ 131, 176, 183

■ 205, 183, 201

■ 113, 173, 183

■ 223, 183, 217

■ 95, 172, 183

■ 241, 183, 232

■ 76, 168, 183

■ 255, 183, 248

■ 58, 167, 183

■ 255, 183, 255

■ 40, 164, 183

■ 22, 162, 183

■ 3, 159, 183

Harmonies

Analogous

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



165, 181, 169



168, 181, 183



161, 174, 184

Triad

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



168, 181, 183



170, 177, 195



197, 174, 172

Complementary

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



168, 181, 183



183, 168, 181

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.



196, 174, 180



168, 181, 183



180, 177, 193

Square

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



168, 181, 183



162, 174, 193



190, 175, 188



194, 183, 165

Rectangle

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



168, 181, 183



159, 172, 184



190, 175, 188



197, 174, 174

Sweetspot

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



168, 181, 183



232, 236, 237



168, 183, 170



117, 119, 120



247, 247, 247



120, 120, 120

Same Dimension

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



168, 181, 183



213, 234, 237



168, 177, 183



83, 91, 92



0, 135, 156



0, 25, 28

Inverse Universe

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



183, 168, 181



237, 213, 234



183, 168, 173



92, 83, 90



156, 0, 132



28, 0, 24

Previews

White Background



This preview shows how the RYB color 168, 181, 183 looks on a white background.

Color Contrast Check

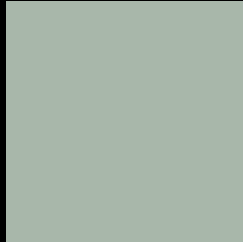
Large Text (above 18pt) WCAG AA × Fail

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 168, 181, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

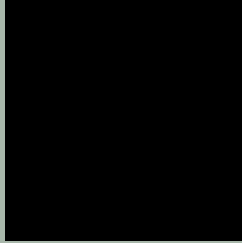
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

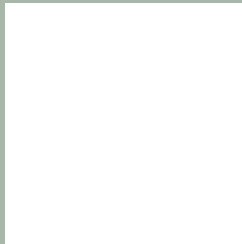
Any Text WCAG AAA ✓ Pass

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

R Y B 168, 181, 183 Background



This preview shows how black text looks on a background with the R Y B color 168, 181, 183.



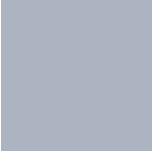
This preview shows how white text looks on a background with the R Y B color 168, 181, 183.

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





Tritanopia

172, 178, 194

Trichromacy



Original Color

168, 181, 183

Protanomaly

169, 180, 170

Deuteranomaly

188, 180, 171

Tritanomaly

171, 177, 185

Monochromacy



Original Color

168, 181, 183

Achromatopsia

177, 177, 177

Achromatomaly

174, 178, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 181, 183 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(168, 183, 170)` looks like.

```
.text, #text, p{  
    color:rgb(168, 183, 170)  
}
```

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(168, 183, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 183, 170) }
```

Border

The CSS property to change the border of an element to RYB 168, 181, 183 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(168, 183, 170) }
```

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

```
.border{ border-color:rgb(168, 183, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 183, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 183, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 183, 170);  
box-shadow:4px 4px 4px 4px rgb(168, 183,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 168, 181, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 183, 170) }
```

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

```
.background{ background-color: rgb(168,  
183, 170) }
```

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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