

Converting Colors

`RYB(166, 178, 184)`

Have a look what the booklet for RYB(166, 178, 184) contains.

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Color

RYB(166, 178, 184)

Conversions

Conversions Part 1

Format	Color
Hex	A6B8AF
RGB	166, 184, 175
RGB Percent	65%, 72%, 69%
CMY	0.3490, 0.2784, 0.3137
CMYK	0.10, 0.00, 0.05, 0.28
HSL	150°, 11%, 69%
HSV	150°, 10%, 72%
XYZ	40.6042, 45.4831, 47.1965
YIQ	177.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

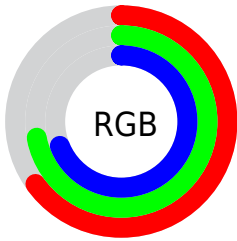
Format	Color
RYB	166, 178, 184
Decimal	10926255
CIELab	73.21, -7.95, 2.45
CIELCh	73, 8.318, 162.886
Yxy	45.4831, 0.3046, 0.3413
Android (android.graphics.Color)	4289116335 (0xFFA6B8AF)
YUV	177.5920, -1.2779, -10.1662
Hunter-Lab	67.4412, -10.5527, 5.7167

Details

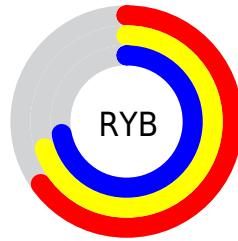
The RYB color **166, 178, 184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **184, 166, 175**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **221, 234, 240**, and **114, 125, 131** is the 20% darker color. If you saturate the color by 10%, you get **148, 172, 184**, and if you desaturate by 10%, it is **184, 184, 184**.

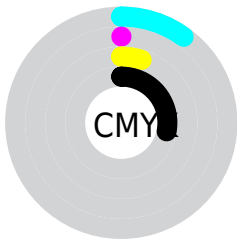
Distribution



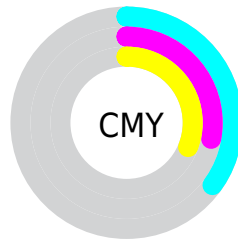
- Red (65%)
- Green (72%)
- Blue (69%)



- Red (65%)
- Yellow (70%)
- Blue (72%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)



- Cyan (35%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 166, 178, 184 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 166, 178, 184 by changing the saturation by 10% instead.

 166, 178, 184


255, 255, 255


 221, 234, 240


 250, 253, 255

 166, 178, 184


 140, 152, 157


 114, 125, 131

 89, 100, 106

 66, 77, 82

 44, 54, 59

 23, 32, 37

 0, 12, 16


 0, 0, 0


 166, 178, 184


 166, 178, 184


 148, 172, 184


 184, 184, 184


 129, 165, 184


 203, 184, 193

 111, 160, 184


 221, 184, 203

 92, 153, 184


 240, 184, 212

 74, 147, 184


 255, 184, 221

 56, 141, 184

 255, 184, 230

 37, 135, 184

 255, 184, 239

 19, 129, 184

 255, 184, 249

 0, 123, 184

 255, 184, 255

Harmonies

Analogous

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



168, 183, 177



166, 178, 184



162, 173, 184

Triad

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



166, 178, 184



176, 179, 194



195, 178, 170

Complementary

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



166, 178, 184



184, 166, 175

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, 175, 177



166, 178, 184



185, 177, 191

Square

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



166, 178, 184



167, 177, 194



193, 175, 184



191, 191, 165

Rectangle

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



166, 178, 184



161, 173, 188



193, 175, 184



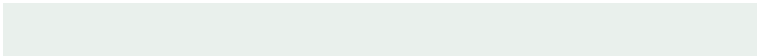
196, 175, 172

Sweetspot

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



166, 178, 184



233, 238, 240



166, 184, 175



115, 119, 120



247, 247, 247



120, 120, 120

Same Dimension

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



166, 178, 184



211, 231, 240



166, 175, 184



83, 89, 92



0, 104, 156



0, 19, 28

Inverse Universe

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



184, 166, 175



240, 211, 225



184, 166, 166



92, 83, 87



156, 0, 78



28, 0, 14

Previews

White Background



This preview shows how the RYB color 166, 178, 184 looks on a white background.

Color Contrast Check

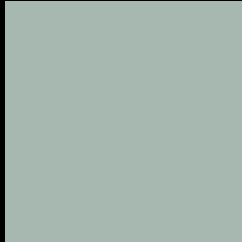
Large Text (above 18pt) WCAG AA × Fail

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 166, 178, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

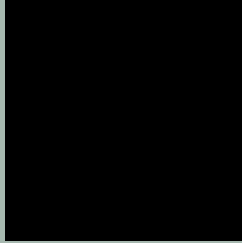
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

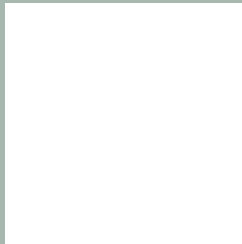
Any Text WCAG AAA ✓ Pass

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

R/Y/B 166, 178, 184 Background



This preview shows how black text looks on a background with the R/Y/B color 166, 178, 184.



This preview shows how white text looks on a background with the R/Y/B color 166, 178, 184.

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](#).

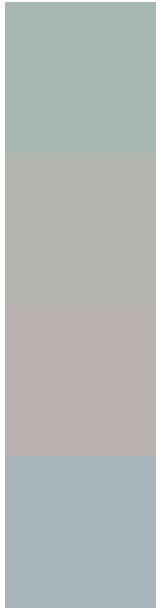
Dichromacy





Tritanopia
169, 177, 195

Trichromacy



Original Color

166, 178, 184

Protanomaly

173, 181, 177

Deuteranomaly

186, 179, 176

Tritanomaly

168, 176, 188

Monochromacy



Original Color

166, 178, 184

Achromatopsia

178, 178, 178

Achromatomaly

174, 178, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 178, 184 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(166, 184, 175) looks like.

```
.text, #text, p{  
    color:rgb(166, 184, 175)  
}
```

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(166, 184, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 184, 175) }
```

Border

The CSS property to change the border of an element to RYB 166, 178, 184 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(166, 184, 175) }
```

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

```
.border{ border-color:rgb(166, 184, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 184, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 184, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 184, 175);  
box-shadow:4px 4px 4px 4px rgb(166, 184,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 166, 178, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 184, 175) }
```

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

```
.background{ background-color: rgb(166,  
184, 175) }
```

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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