

Converting Colors

`RYB(148, 158, 166)`

Have a look what the booklet for
RYB(148, 158, 166) contains.

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Color

R_YB(148, 158, 166)

Conversions

Conversions Part 1

Format	Color
Hex	94A6A2
RGB	148, 166, 162
RGB Percent	58%, 65%, 64%
CMY	0.4196, 0.3490, 0.3631
CMYK	0.11, 0.00, 0.02, 0.35
HSL	168°, 9%, 62%
HSV	168°, 11%, 65%
XYZ	32.4062, 36.1912, 39.6468
YIQ	160.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

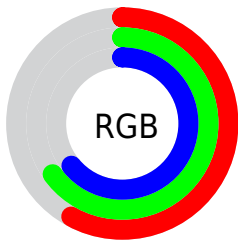
Format	Color
RYB	148, 158, 166
Decimal	9741986
CIELab	66.67, -7.02, -0.29
CIElCh	67, 7.023, 182.363
Yxy	36.1912, 0.2994, 0.3343
Android (android.graphics.Color)	4287932066 (0xFF94A6A2)
YUV	160.1620, 0.9061, -10.6661
Hunter-Lab	60.1591, -9.1252, 3.0374

Details

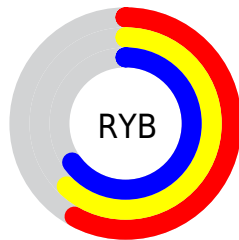
The RYB color **148, 158, 166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **166, 148, 152**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **202, 213, 221**, and **97, 107, 114** is the 20% darker color. If you saturate the color by 10%, you get **131, 150, 166**, and if you desaturate by 10%, it is **165, 166, 166**.

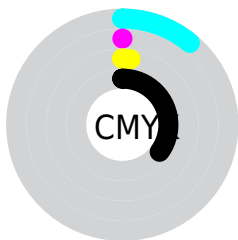
Distribution



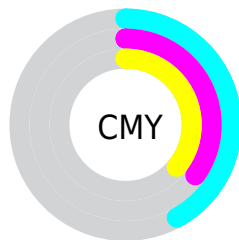
- Red (58%)
- Green (65%)
- Blue (64%)



- Red (58%)
- Yellow (62%)
- Blue (65%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (42%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 158, 166 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 148, 158, 166 by changing the saturation by 10% instead.


 148, 158, 166


255, 255, 255

 202, 213, 221


 230, 241, 250

 148, 158, 166


 122, 132, 140

 97, 106, 114

 73, 83, 90


 51, 59, 66


 29, 37, 44

 6, 16, 24

 0, 0, 0


 148, 158, 166


 131, 150, 166

 148, 158, 166


 165, 166, 166


 115, 143, 166


 181, 166, 169


 98, 136, 166


 198, 166, 172


 82, 129, 166


 214, 166, 176

 65, 121, 166

 231, 166, 179

 48, 114, 166


 248, 166, 182

 32, 107, 166

 255, 166, 186

 15, 99, 166

 255, 166, 189

 0, 92, 166

 255, 166, 192

Harmonies

Analogous

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



153, 163, 165



148, 158, 166



147, 157, 169

Triad

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



148, 158, 166



164, 160, 173



173, 166, 151

Complementary

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



148, 158, 166



166, 148, 152

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.



176, 158, 156



148, 158, 166



171, 159, 168

Square

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



148, 158, 166



156, 161, 175



175, 158, 162



157, 167, 150

Rectangle

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



148, 158, 166



148, 158, 172



175, 158, 162



174, 162, 152

Sweetspot

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



148, 158, 166



210, 214, 217



148, 166, 162



105, 108, 110



237, 237, 237



110, 110, 110

Same Dimension

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



148, 158, 166



189, 205, 217



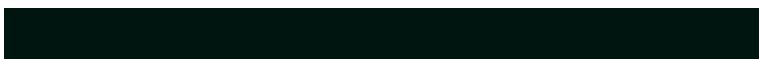
148, 156, 166



76, 81, 84



0, 82, 148



0, 11, 20

Inverse Universe

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



166, 148, 152



217, 189, 194



166, 155, 148



84, 76, 77



148, 0, 30



20, 0, 4

Previews

White Background



This preview shows how the RYB color 148, 158, 166 looks on a white background.

Color Contrast Check

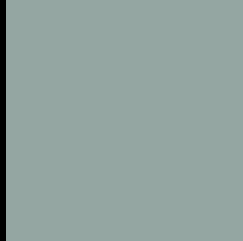
Large Text (above 18pt) WCAG AA × Fail

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 148, 158, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

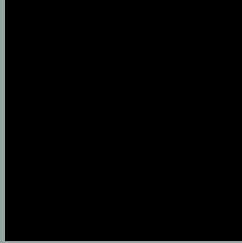
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

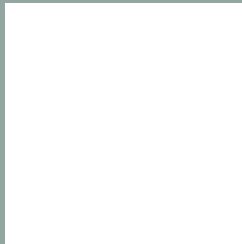
Any Text WCAG AAA ✓ Pass

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

RYB 148, 158, 166 Background



This preview shows how black text looks on a background with the RYB color 148, 158, 166.

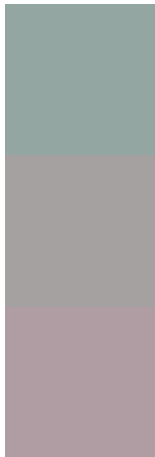


This preview shows how white text looks on a background with the RYB color 148, 158, 166.

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](#).

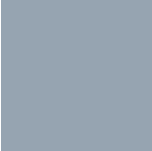
Dichromacy



Original Color
148, 158, 166

Protanopia
165, 161, 160

Deuteranopia
176, 157, 164



Tritanopia
150, 159, 177

Trichromacy



Original Color

148, 158, 166

Protanomaly

159, 162, 163

Deuteranomaly

166, 160, 163

Tritanomaly

149, 158, 172

Monochromacy



Original Color

148, 158, 166

Achromatopsia

160, 160, 160

Achromatomaly

156, 159, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 158, 166 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(148, 166, 162) looks like.

```
.text, #text, p{  
    color:rgb(148, 166, 162)  
}
```

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(148, 166, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 166, 162) }
```

Border

The CSS property to change the border of an element to RYB 148, 158, 166 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(148, 166, 162) }
```

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

```
.border{ border-color:rgb(148, 166, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 166, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 166, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 166, 162);  
box-shadow:4px 4px 4px 4px rgb(148, 166,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 148, 158, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 166, 162) }
```

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

```
.background{ background-color: rgb(148,  
166, 162) }
```

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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