

Converting Colors

`RYB(149, 150, 168)`

Have a look what the booklet for RYB(149, 150, 168) contains.

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Color

R_YB(149, 150, 168)

Conversions

Conversions Part 1

Format	Color
Hex	9596A8
RGB	149, 150, 168
RGB Percent	58%, 59%, 66%
CMY	0.4157, 0.4115, 0.3412
CMYK	0.11, 0.11, 0.00, 0.34
HSL	237°, 10%, 62%
HSV	237°, 11%, 66%
XYZ	30.3775, 31.0471, 41.4374
YIQ	151.7530, -6.3740, 5.3860

Conversions

Conversions Part 2

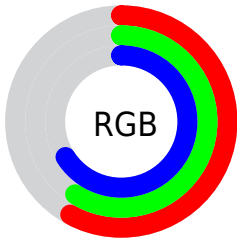
Format	Color
RYB	149, 150, 168
Decimal	9803432
CIELab	62.55, 3.29, -9.51
CIELCh	63, 10.061, 289.075
Yxy	31.0471, 0.2953, 0.3018
Android (android.graphics.Color)	4287993512 (0xFF9596A8)
YUV	151.7530, 8.0098, -2.4144
Hunter-Lab	55.7200, -0.1949, -5.0884

Details

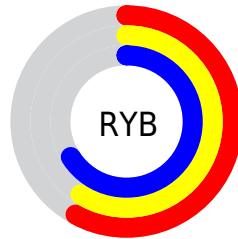
The RYB color **149, 150, 168** is a light color, and the websafe version is hex **999999**. A complement of this color would be **150, 168, 149**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **203, 204, 223**, and **98, 99, 116** is the 20% darker color. If you saturate the color by 10%, you get **132, 134, 168**, and if you desaturate by 10%, it is **166, 166, 168**.

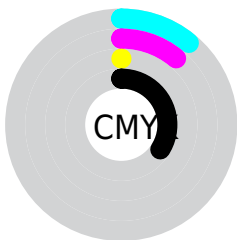
Distribution



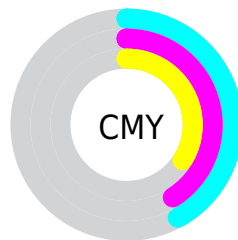
- Red (58%)
- Green (59%)
- Blue (66%)



- Red (58%)
- Yellow (59%)
- Blue (66%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (34%)



- Cyan (42%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 150, 168 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 149, 150, 168 by changing the saturation by 10% instead.

 149, 150, 168

255, 255, 255

 203, 204, 223


 231, 232, 252

 149, 150, 168

 123, 124, 142

 98, 99, 116

 74, 76, 91

 51, 53, 68

 30, 32, 46

 7, 8, 25

 0, 0, 0

 149, 150, 168

 132, 134, 168

 149, 150, 168

 166, 166, 168

■ 115, 118, 168

■ 169, 183, 168

■ 99, 102, 168

■ 169, 199, 168

■ 82, 87, 168

■ 170, 216, 168

■ 65, 71, 168

■ 172, 233, 168

■ 48, 55, 168

■ 173, 250, 168

■ 31, 39, 168

■ 168, 255, 168

■ 15, 23, 168

■ 0, 9, 168

Harmonies

Analogous

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



138, 148, 169



149, 150, 168



160, 147, 163

Triad

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



149, 150, 168



169, 151, 138



133, 147, 156

Complementary

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



149, 150, 168



150, 168, 149

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.



139, 155, 152



149, 150, 168



155, 162, 134

Square

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



149, 150, 168



171, 145, 146



134, 152, 134



129, 143, 157

Rectangle

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



149, 150, 168



165, 146, 158



134, 152, 134



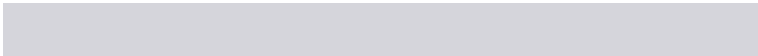
136, 150, 156

Sweetspot

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



149, 150, 168



213, 213, 219



149, 159, 168



105, 106, 110



237, 237, 237



110, 110, 110

Same Dimension

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



149, 150, 168



189, 190, 219



157, 149, 168



76, 76, 84



0, 8, 148



0, 1, 20

Inverse Universe

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



168, 149, 150



219, 189, 190



149, 168, 157



84, 76, 76



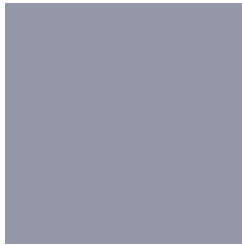
148, 0, 8



20, 0, 1

Previews

White Background



This preview shows how the RYB color 149, 150, 168 looks on a white background.

Color Contrast Check

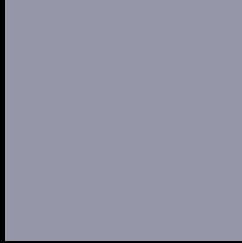
Large Text (above 18pt) WCAG AA × Fail

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 149, 150, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

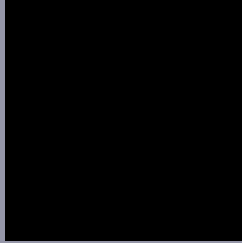
Any Text WCAG AA ✓ Pass

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 149, 150, 168 Background



This preview shows how black text looks on a background with the RYB color 149, 150, 168.



This preview shows how white text looks on a background with the RYB color 149, 150, 168.

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](#).

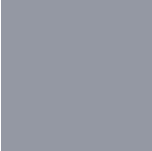
Dichromacy



Original Color
[149, 150, 168](#)

Protanopia
[149, 150, 168](#)

Deuteranopia
[158, 147, 169](#)



Tritanopia
148, 151, 163

Trichromacy



Original Color
149, 150, 168

Protanomaly
149, 150, 168

Deuteranomaly
155, 148, 169

Tritanomaly
148, 151, 165

Monochromacy



Original Color
149, 150, 168

Achromatopsia
152, 152, 152

Achromatomaly
151, 151, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 150, 168 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(149, 150, 168) looks like.

```
.text, #text, p{  
    color:rgb(149, 150, 168)  
}
```

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(149, 150, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 150, 168) }
```

Border

The CSS property to change the border of an element to RYB 149, 150, 168 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(149, 150, 168) }
```

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

```
.border{ border-color:rgb(149, 150, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 150, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 150, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 150, 168);  
box-shadow:4px 4px 4px 4px rgb(149, 150,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 149, 150, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 150, 168) }
```

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

```
.background{ background-color: rgb(149,  
150, 168) }
```

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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