

Converting Colors

`RYB(148, 140, 151)`

Have a look what the booklet for
RYB(148, 140, 151) contains.

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Color

R_YB(148, 140, 151)

Conversions

Conversions Part 1

Format	Color
Hex	948C97
RGB	148, 140, 151
RGB Percent	58%, 55%, 59%
CMY	0.4196, 0.4510, 0.4078
CMYK	0.02, 0.07, 0.00, 0.41
HSL	284°, 5%, 57%
HSV	284°, 7%, 59%
XYZ	27.1767, 27.2864, 33.1126
YIQ	143.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

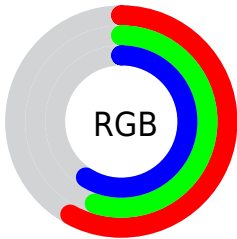
Format	Color
R_{YB}	148, 140, 151
Decimal	9735319
CIE _{Lab}	59.24, 5.10, -4.77
CIE _{LCh}	59, 6.982, 316.867
Yxy	27.2864, 0.3103, 0.3116
Android (android.graphics.Color)	4287925399 (0xFF948C97)
YUV	143.6460, 3.6255, 3.8185
Hunter-Lab	52.2364, 1.4534, -1.0184

Details

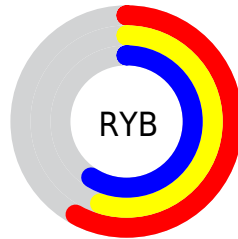
The RYB color **148, 140, 151** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **140, 151, 148**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **202, 194, 205**, and **97, 90, 100** is the 20% darker color. If you saturate the color by 10%, you get **144, 125, 151**, and if you desaturate by 10%, it is **151, 155, 154**.

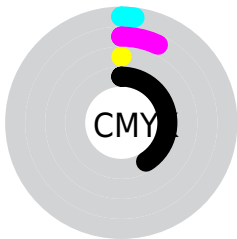
Distribution



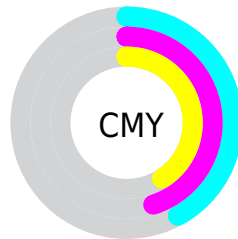
- Red (58%)
- Green (55%)
- Blue (59%)



- Red (58%)
- Yellow (55%)
- Blue (59%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (42%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 140, 151 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, 140, 151 by changing the saturation by 10% instead.

 148, 140, 151


255, 255, 255

 202, 194, 205


 230, 221, 233


 255, 250, 255

 148, 140, 151

 122, 115, 125

 97, 90, 100


 74, 67, 76


 51, 44, 54


 30, 24, 32


 1, 0, 9

 0, 0, 0


 148, 140, 151


 144, 125, 151


 148, 140, 151

 151, 155, 154

 140, 110, 151

 151, 170, 165

 136, 95, 151

 151, 185, 176


 132, 80, 151

 151, 200, 187

 127, 65, 151


 151, 216, 198

 123, 49, 151


 151, 231, 209

 119, 34, 151

 151, 246, 220

 115, 19, 151

 151, 255, 225

 111, 4, 151

 151, 255, 221

Harmonies

Analogous

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



141, 142, 154



148, 140, 151



154, 139, 146

Triad

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



148, 140, 151



151, 151, 131



128, 137, 146

Complementary

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



148, 140, 151



140, 151, 148

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.



131, 140, 146



148, 140, 151



132, 144, 131

Square

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



148, 140, 151



155, 142, 134



134, 145, 142



129, 139, 151

Rectangle

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



148, 140, 151



156, 139, 141



134, 145, 142



128, 138, 146

Sweetspot

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



148, 140, 151



195, 192, 196



140, 142, 151



99, 97, 99



227, 227, 227



99, 99, 99

Same Dimension

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



148, 140, 151



192, 179, 196



151, 140, 149



74, 69, 77



102, 0, 140



9, 0, 13

Inverse Universe

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



151, 140, 143



196, 179, 183



140, 149, 151



77, 69, 71



140, 0, 38



13, 0, 3

Previews

White Background



This preview shows how the RYB color 148, 140, 151 looks on a white background.

Color Contrast Check

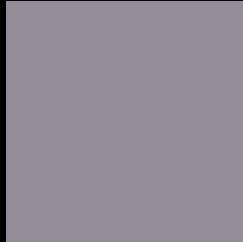
Large Text (above 18pt) WCAG AA ✓ Pass

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, 140, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

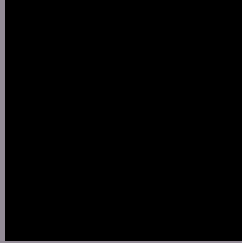
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 148, 140, 151 Background



This preview shows how black text looks on a background with the RYB color 148, 140, 151.

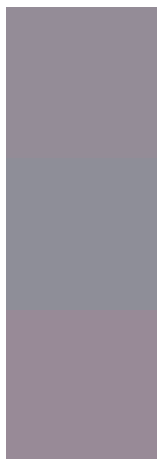


This preview shows how white text looks on a background with the RYB color 148, 140, 151.

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](#), [140](#), [151](#)

Protanopia

[142](#), [142](#), [152](#)

Deuteranopia

[152](#), [138](#), [151](#)



Tritanopia
148, 140, 151

Trichromacy



Original Color

148, 140, 151

Protanomaly

144, 141, 152

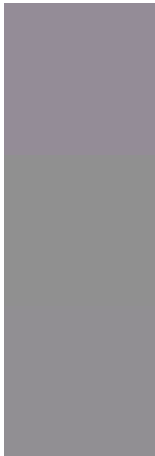
Deuteranomaly

151, 139, 151

Tritanomaly

148, 140, 151

Monochromacy



Original Color

148, 140, 151

Achromatopsia

144, 144, 144

Achromatomaly

145, 143, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 140, 151 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, 140, 151) looks like.

```
.text, #text, p{  
    color:rgb(148, 140, 151)  
}
```

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, 140, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 140, 151) }
```

Border

The CSS property to change the border of an element to RYB 148, 140, 151 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, 140, 151) }
```

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

```
.border{ border-color:rgb(148, 140, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 140, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 140, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 140, 151);  
box-shadow:4px 4px 4px 4px rgb(148, 140,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 148, 140, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 140, 151) }
```

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

```
.background{ background-color: rgb(148,  
140, 151) }
```

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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