

Converting Colors

`RYB(140, 151, 148)`

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

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Color

R_YB(140, 151, 148)

Conversions

Conversions Part 1

Format	Color
Hex	8F978C
RGB	143, 151, 140
RGB Percent	56%, 59%, 55%
CMY	0.4392, 0.4078, 0.4510
CMYK	0.05, 0.00, 0.07, 0.41
HSL	104°, 5%, 57%
HSV	104°, 7%, 59%
XYZ	27.1279, 29.8663, 29.1459
YIQ	147.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

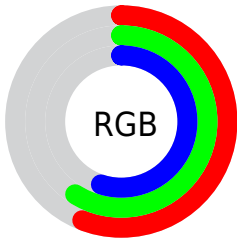
Format	Color
R_{YB}	140, 151, 148
Decimal	9410444
CIE _{Lab}	61.54, -5.02, 4.79
CIE _{LCh}	62, 6.938, 136.307
Yxy	29.8663, 0.3149, 0.3467
Android (android.graphics.Color)	4287600524 (0xFF8F978C)
YUV	147.3540, -3.6255, -3.8185
Hunter-Lab	54.6501, -7.0314, 6.6346

Details

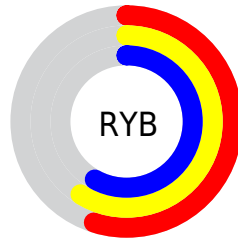
The RYB color `140, 151, 148` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `148, 140, 151`, and the grayscale version is `147, 147, 147`.

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

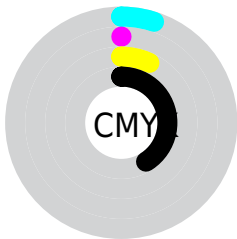
Distribution



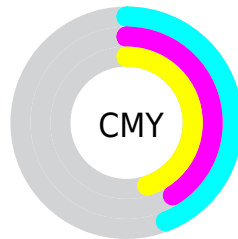
- Red (56%)
- Green (59%)
- Blue (55%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

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


 140, 151, 148

255, 255, 255


 194, 205, 202

 221, 233, 229

 250, 255, 252

 140, 151, 148

 115, 125, 123

 90, 100, 97

 67, 76, 74

 44, 54, 51


 24, 32, 30


 0, 9, 9

 0, 0, 0

 140, 151, 148

 125, 151, 144

 140, 151, 148

 154, 151, 155

■ 110, 151, 140

■ 165, 151, 170

■ 95, 151, 136

■ 176, 151, 185

■ 80, 151, 132

■ 187, 151, 200

■ 65, 151, 128

■ 198, 151, 216

■ 49, 151, 123

■ 209, 151, 231

■ 34, 151, 119

■ 220, 151, 246

■ 19, 151, 115

■ 231, 151, 255

■ 4, 151, 111

■ 242, 151, 255

Harmonies

Analogous

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



138, 150, 137



140, 151, 148



137, 147, 152

Triad

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



140, 151, 148



139, 146, 160



162, 145, 145

Complementary

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



140, 151, 148



148, 140, 151

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.



160, 145, 152



140, 151, 148



146, 148, 160

Square

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



140, 151, 148



135, 145, 157



154, 146, 157



161, 147, 140

Rectangle

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



140, 151, 148



134, 144, 152



154, 146, 157



162, 145, 147

Sweetspot

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



140, 151, 148



192, 196, 195



144, 151, 140



97, 99, 98



227, 227, 227



99, 99, 99

Same Dimension

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



140, 151, 148



179, 196, 192



140, 149, 151



69, 77, 75



0, 140, 102



0, 13, 10

Inverse Universe

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



148, 140, 151



192, 179, 196



151, 140, 149



74, 69, 77



102, 0, 140



9, 0, 13

Previews

White Background



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

Color Contrast Check

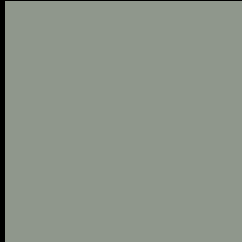
Large Text (above 18pt) WCAG AA ✓ Pass

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 140, 151, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

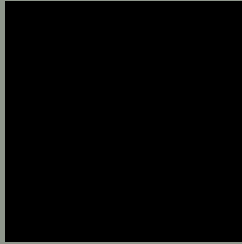
Any Text WCAG AA ✓ Pass

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 140, 151, 148 Background



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



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

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
140, 151, 148

Protanopia
146, 153, 138

Deuteranopia
165, 143, 142



Tritanopia

146, 148, 160

Trichromacy



Original Color

140, 151, 148

Protanomaly

139, 149, 139

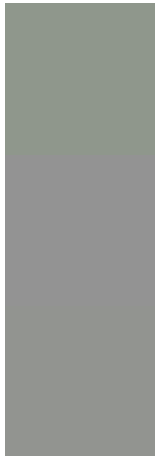
Deuteranomaly

157, 148, 141

Tritanomaly

145, 148, 153

Monochromacy



Original Color

140, 151, 148

Achromatopsia

147, 147, 147

Achromatomaly

144, 148, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 151, 148 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(143, 151, 140) looks like.

```
.text, #text, p{  
    color:rgb(143, 151, 140)  
}
```

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(143, 151, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 151, 140) }
```

Border

The CSS property to change the border of an element to RYB 140, 151, 148 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(143, 151, 140) }
```

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

```
.border{ border-color:rgb(143, 151, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 151, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 151, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 151, 140);  
box-shadow:4px 4px 4px 4px rgb(143, 151,  
140) }
```

Background

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

```
.background, #background, body{  
background: rgb(143, 151, 140) }
```

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

```
.background{ background-color: rgb(143,  
151, 140) }
```

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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