

# Converting Colors

`RYB(140, 131, 138)`

Have a look what the booklet for  
RYB(140, 131, 138) contains.

<b>RYB(140, 131, 138)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**`RYB(140, 131, 138)`**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C838A
RGB	140, 131, 138
RGB Percent	55%, 51%, 54%
CMY	0.4510, 0.4863, 0.4588
CMYK	0.00, 0.06, 0.01, 0.45
HSL	313°, 4%, 53%
HSV	313°, 6%, 55%
XYZ	23.5190, 23.6430, 27.3687
YIQ	134.4890, 3.1170, 4.0850

# Conversions

## Conversions Part 2

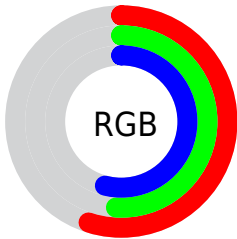
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 131, 138
Decimal	9208714
CIE Lab	55.73, 4.73, -2.55
CIE LCh	56, 5.373, 331.664
Yxy	23.6430, 0.3156, 0.3172
Android (android.graphics.Color)	4287398794 (0xFF8C838A)
YUV	134.4890, 1.7309, 4.8331
Hunter-Lab	48.6241, 1.2464, 0.6647

# Details

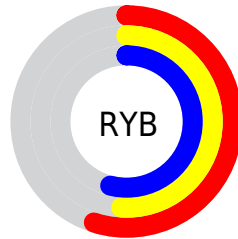
The RYB color **140, 131, 138** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **131, 138, 140**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **194, 184, 191**, and **90, 82, 88** is the 20% darker color. If you saturate the color by 10%, you get **140, 117, 135**, and if you desaturate by 10%, it is **140, 144, 145**.

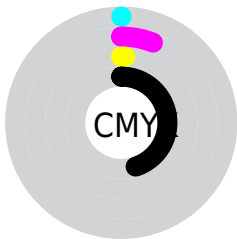
# Distribution



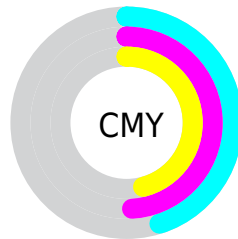
- Red (55%)
- Green (51%)
- Blue (54%)



- Red (55%)
- Yellow (51%)
- Blue (54%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (45%)



- Cyan (45%)
- Magenta (49%)
- Yellow (46%)

# Brightness & Saturation Gradients


These gradients show how the RYB color 140, 131, 138 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, 131, 138 by changing the saturation by 10% instead.




 140, 131, 138

255, 255, 255

 194, 184, 191

 221, 212, 219

 250, 240, 248


 140, 131, 138

 115, 106, 113

 90, 82, 88

 67, 59, 65

 44, 37, 43

 24, 16, 22


 0, 0, 0

 140, 131, 138

 140, 117, 135

 140, 103, 132

 140, 131, 138

 140, 144, 145

 140, 156, 159

■ 140, 89, 129

■ 140, 167, 173

■ 140, 75, 126

■ 140, 179, 187

■ 140, 61, 122

■ 140, 190, 201

■ 140, 47, 119

■ 140, 201, 215

■ 140, 33, 116

■ 140, 213, 229

■ 140, 19, 113

■ 140, 224, 243

■ 140, 5, 110

■ 140, 234, 255

# Harmonies

## Analogous

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



135, 132, 141



140, 131, 138



143, 130, 133

# Triad

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



140, 131, 138



130, 137, 124



122, 129, 138

# Complementary

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



140, 131, 138



131, 138, 140

# 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.



123, 130, 136



140, 131, 138



126, 135, 129

# Square

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



140, 131, 138



142, 137, 125



127, 134, 136



124, 131, 142

# Rectangle

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



140, 131, 138



144, 131, 130



127, 134, 136



122, 129, 137



# Sweetspot

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



140, 131, 138



181, 177, 180



133, 131, 140



92, 90, 91



219, 219, 219



92, 92, 92



# Same Dimension

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



140, 131, 138



181, 167, 178



140, 131, 134



69, 62, 67



133, 0, 103



5, 0, 4



# Inverse Universe

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



140, 131, 138



181, 167, 178



131, 136, 140



69, 62, 67



133, 0, 103



5, 0, 4



# Previews

## White Background



This preview shows how the RYB color 140, 131, 138 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, 131, 138 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

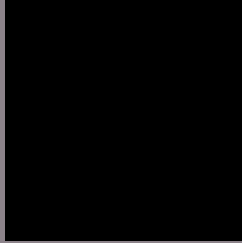
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RYB 140, 131, 138 Background



This preview shows how black text looks on a background with the RYB color 140, 131, 138.



This preview shows how white text looks on a background with the RYB color 140, 131, 138.

# 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

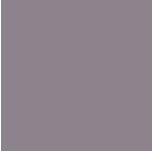
140, 131, 138

### Protanopia

134, 133, 139

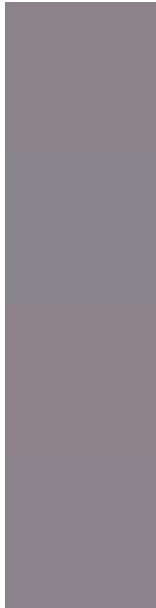
### Deuteranopia

144, 129, 138



**Tritanopia**  
140, 131, 141

# Trichromacy



## Original Color

140, 131, 138

## Protanomaly

136, 132, 139

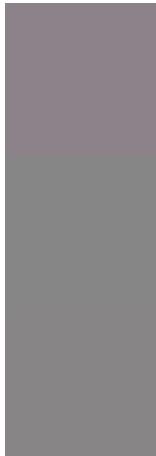
## Deuteranomaly

143, 130, 138

## Tritanomaly

140, 131, 140

# Monochromacy



## Original Color

140, 131, 138

## Achromatopsia

134, 134, 134

## Achromatomaly

136, 133, 135

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 140, 131, 138 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(140, 131, 138) looks like.

```
.text, #text, p{  
    color:rgb(140, 131, 138)  
}
```

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(140, 131, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 131, 138) }
```

## Border

The CSS property to change the border of an element to RYB 140, 131, 138 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(140, 131, 138) }
```

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

```
.border{ border-color:rgb(140, 131, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 131, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 131, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 131, 138);  
box-shadow:4px 4px 4px 4px rgb(140, 131,  
138) }
```

# Background

The CSS property to change the background color of an element to RYB 140, 131, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 131, 138) }
```

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

```
.background{ background-color: rgb(140,  
131, 138) }
```

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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