

Converting Colors

`RYB(148, 159, 136)`

Have a look what the booklet for
RYB(148, 159, 136) contains.

RYB(148, 159, 136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(148, 159, 136)

Conversions

Conversions Part 1

Format	Color
Hex	9F9788
RGB	159, 151, 136
RGB Percent	62%, 59%, 53%
CMY	0.3765, 0.4074, 0.4667
CMYK	0.00, 0.05, 0.14, 0.38
HSL	39°, 11%, 58%
HSV	39°, 14%, 62%
XYZ	29.8270, 31.3185, 27.7656
YIQ	151.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

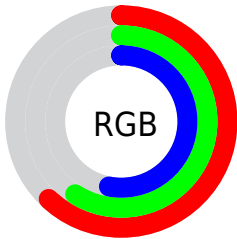
Format	Color
RYB	148, 159, 136
Decimal	10459016
CIELab	62.78, 0.23, 8.99
CIELCh	63, 8.996, 88.555
Yxy	31.3185, 0.3355, 0.3522
Android (android.graphics.Color)	4288649096 (0xFF9F9788)
YUV	151.6820, -7.7312, 6.4179
Hunter-Lab	55.9630, -2.7986, 9.7578

Details

The RYB color **148, 159, 136** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **136, 142, 159**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **203, 214, 189**, and **97, 107, 86** is the 20% darker color. If you saturate the color by 10%, you get **140, 159, 120**, and if you desaturate by 10%, it is **155, 159, 152**.

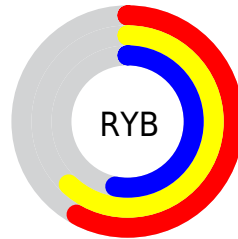
Distribution



Red (62%)

Green (59%)

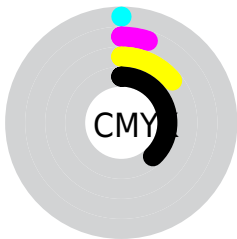
Blue (53%)



Red (58%)

Yellow (62%)

Blue (53%)

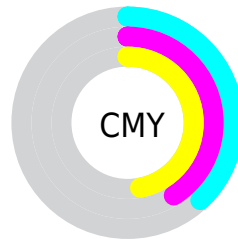


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 159, 136 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, 159, 136 by changing the saturation by 10% instead.

 148, 159, 136


255, 255, 255

 203, 214, 189

 231, 242, 217

 246, 255, 246

 148, 159, 136

 124, 133, 111

 97, 107, 86

 74, 83, 63

 50, 60, 41

 28, 38, 21

 10, 15, 0

 0, 0, 0

 148, 159, 136

 140, 159, 120

 148, 159, 136

 155, 159, 152

133, 159, 104

159, 161, 168

124, 159, 88

159, 165, 184

118, 159, 72

159, 169, 200

110, 159, 57

159, 173, 216

104, 159, 41

159, 178, 231

95, 159, 25

159, 181, 247

86, 159, 9

159, 185, 255

84, 159, 0

159, 188, 255

Harmonies

Analogous

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



166, 156, 138



148, 159, 136



138, 154, 142

Triad

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



148, 159, 136



132, 145, 159



162, 148, 160

Complementary

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



148, 159, 136



136, 142, 159

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.



153, 150, 166



148, 159, 136



135, 147, 165

Square

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



148, 159, 136



134, 147, 157



143, 150, 168



168, 147, 153

Rectangle

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



148, 159, 136



141, 155, 152



143, 150, 168



159, 148, 162

Sweetspot

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



148, 159, 136



203, 207, 198



159, 136, 144



102, 105, 99



232, 232, 232



105, 105, 105

Same Dimension

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



148, 159, 136



189, 207, 171



136, 159, 139



76, 79, 71



75, 143, 0



8, 15, 0

Inverse Universe

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



136, 142, 159



171, 180, 207



139, 136, 159



71, 73, 79



0, 36, 143



0, 4, 15

Previews

White Background



This preview shows how the RYB color 148, 159, 136 looks on a white background.

Color Contrast Check

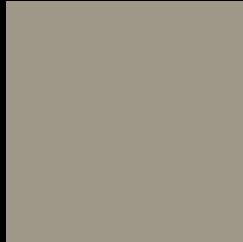
Large Text (above 18pt) WCAG AA × Fail

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, 159, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

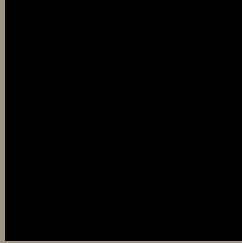
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

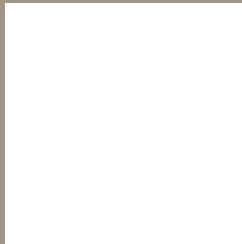
Any Text WCAG AAA ✓ Pass

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

R Y B 148, 159, 136 Background



This preview shows how black text looks on a background with the R Y B color 148, 159, 136.

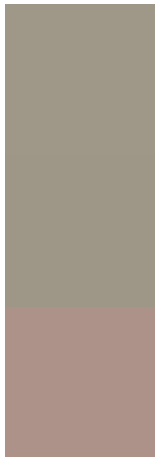


This preview shows how white text looks on a background with the R Y B color 148, 159, 136.

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, 159, 136

Protanopia

146, 158, 136

Deuteranopia

172, 149, 137



Tritanopia
162, 148, 159

Trichromacy



Original Color

148, 159, 136

Protanomaly

146, 158, 136

Deuteranomaly

167, 154, 137

Tritanomaly

161, 149, 151

Monochromacy



Original Color

148, 159, 136

Achromatopsia

152, 152, 152

Achromatomaly

151, 155, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 159, 136 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(159, 151, 136) looks like.

```
.text, #text, p{  
    color:rgb(159, 151, 136)  
}
```

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(159, 151, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 151, 136) }
```

Border

The CSS property to change the border of an element to RYB 148, 159, 136 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(159, 151, 136) }
```

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

```
.border{ border-color:rgb(159, 151, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 151, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 151, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 151, 136);  
box-shadow:4px 4px 4px 4px rgb(159, 151,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 148, 159, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 151, 136) }
```

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

```
.background{ background-color: rgb(159,  
151, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor