

Converting Colors

`RYB(137, 151, 136)`

Have a look what the booklet for
RYB(137, 151, 136) contains.

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Color

R_YB(137, 151, 136)

Conversions

Conversions Part 1

Format	Color
Hex	979688
RGB	151, 150, 136
RGB Percent	59%, 59%, 53%
CMY	0.4078, 0.4115, 0.4667
CMYK	0.00, 0.01, 0.10, 0.41
HSL	56°, 7%, 56%
HSV	56°, 10%, 59%
XYZ	28.1228, 30.1895, 27.6375
YIQ	148.7030, 5.0900, -4.1420

Conversions

Conversions Part 2

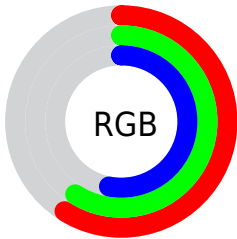
Format	Color
RYB	137, 151, 136
Decimal	9934472
CIELab	61.82, -2.24, 7.54
CIElCh	62, 7.862, 106.566
Yxy	30.1895, 0.3272, 0.3512
Android (android.graphics.Color)	4288124552 (0xFF979688)
YUV	148.7030, -6.2626, 2.0145
Hunter-Lab	54.9450, -4.7913, 8.6385

Details

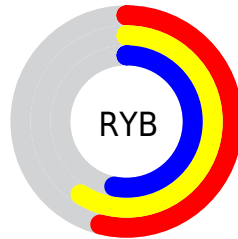
The RYB color **137, 151, 136** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **136, 137, 151**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **190, 205, 189**, and **87, 100, 86** is the 20% darker color. If you saturate the color by 10%, you get **123, 151, 121**, and if you desaturate by 10%, it is **151, 151, 151**.

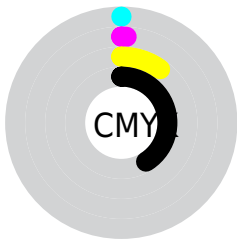
Distribution



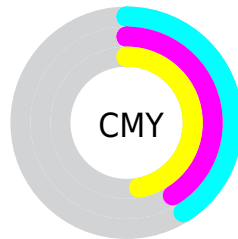
- Red (59%)
- Green (59%)
- Blue (53%)



- Red (54%)
- Yellow (59%)
- Blue (53%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (41%)




- Cyan (41%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 151, 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 137, 151, 136 by changing the saturation by 10% instead.

 137, 151, 136

255, 255, 255


 190, 205, 189

 218, 233, 217


 246, 255, 246


 137, 151, 136

 112, 125, 111

 87, 100, 86


 63, 76, 63

 41, 53, 41

 21, 32, 21

 0, 8, 4

 0, 0, 0

 137, 151, 136

 123, 151, 121

 137, 151, 136

 151, 151, 151

■ 109, 151, 106

■ 151, 152, 166

■ 95, 151, 91

■ 151, 153, 181

■ 81, 151, 76

■ 151, 154, 196

■ 66, 151, 60

■ 151, 155, 211

■ 52, 151, 45

■ 151, 156, 227

■ 39, 151, 30

■ 151, 157, 242

■ 24, 151, 15

■ 151, 158, 255

■ 10, 151, 0

■ 151, 158, 255

Harmonies

Analogous

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



154, 158, 136



137, 151, 136



140, 152, 149

Triad

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



137, 151, 136



133, 144, 159



162, 145, 153

Complementary

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



137, 151, 136



136, 137, 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.



155, 146, 159



137, 151, 136



139, 147, 163

Square

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



137, 151, 136



132, 143, 154



147, 149, 163



165, 145, 146

Rectangle

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



137, 151, 136



138, 149, 153



147, 149, 163



160, 145, 155

Sweetspot

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



137, 151, 136



190, 196, 190



151, 136, 137



95, 99, 95



227, 227, 227



99, 99, 99

Same Dimension

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



137, 151, 136



174, 196, 173



136, 151, 142



70, 77, 69



10, 140, 0



1, 13, 0

Inverse Universe

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



136, 137, 151



173, 174, 196



143, 136, 151



69, 69, 77



0, 8, 140



0, 1, 13

Previews

White Background



This preview shows how the RYB color 137, 151, 136 looks on a white background.

Color Contrast Check

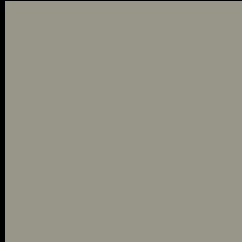
Large Text (above 18pt) WCAG AA × Fail

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 137, 151, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

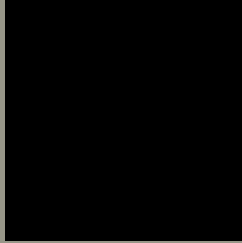
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

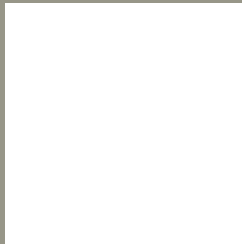
Any Text WCAG AAA ✓ Pass

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

RYB 137, 151, 136 Background



This preview shows how black text looks on a background with the RYB color 137, 151, 136.



This preview shows how white text looks on a background with the RYB color 137, 151, 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
137, 151, 136

Protanopia
144, 155, 135

Deuteranopia
168, 146, 137



Tritanopia

154, 147, 158

Trichromacy



Original Color

137, 151, 136

Protanomaly

142, 154, 135

Deuteranomaly

162, 151, 137

Tritanomaly

153, 148, 150

Monochromacy



Original Color

137, 151, 136

Achromatopsia

149, 149, 149

Achromatomaly

145, 150, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 151, 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(151, 150, 136)` looks like.

```
.text, #text, p{  
    color:rgb(151, 150, 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(151, 150, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 150, 136) }
```

Border

The CSS property to change the border of an element to RYB 137, 151, 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(151, 150, 136) }
```

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

```
.border{ border-color:rgb(151, 150, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 150, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 150, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 150, 136);  
box-shadow:4px 4px 4px 4px rgb(151, 150,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 137, 151, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 150, 136) }
```

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

```
.background{ background-color: rgb(151,  
150, 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](#).

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