

Converting Colors

`RYB(136, 152, 137)`

Have a look what the booklet for
RYB(136, 152, 137) contains.

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Color

R_YB(136, 152, 137)

Conversions

Conversions Part 1

Format	Color
Hex	979888
RGB	151, 152, 136
RGB Percent	59%, 60%, 53%
CMY	0.4078, 0.4039, 0.4667
CMYK	0.01, 0.00, 0.11, 0.40
HSL	64°, 7%, 56%
HSV	64°, 11%, 60%
XYZ	28.4347, 30.8134, 27.7415
YIQ	149.8770, 4.5400, -5.1880

Conversions

Conversions Part 2

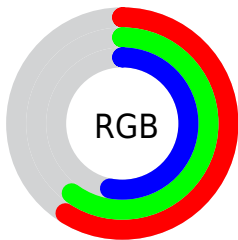
Format	Color
RYB	136, 152, 137
Decimal	9934984
CIELab	62.35, -3.31, 8.30
CIELCh	62, 8.931, 111.747
Yxy	30.8134, 0.3269, 0.3542
Android (android.graphics.Color)	4288125064 (0xFF979888)
YUV	149.8770, -6.8414, 0.9849
Hunter-Lab	55.5098, -5.7062, 9.2262

Details

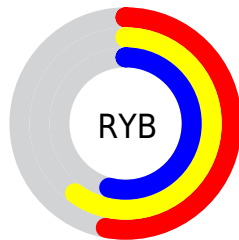
The RYB color **136, 152, 137** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **137, 136, 152**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **189, 206, 190**, and **86, 101, 87** is the 20% darker color. If you saturate the color by 10%, you get **121, 152, 123**, and if you desaturate by 10%, it is **151, 152, 151**.

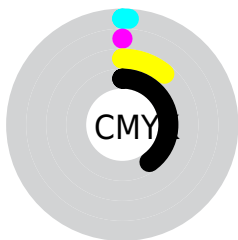
Distribution



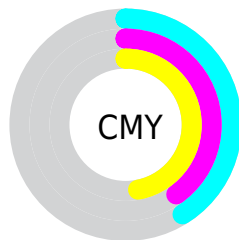
- Red (59%)
- Green (60%)
- Blue (53%)



- Red (53%)
- Yellow (60%)
- Blue (54%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 152, 137 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 136, 152, 137 by changing the saturation by 10% instead.


 136, 152, 137


255, 255, 255

 189, 206, 190


 217, 234, 218


 246, 255, 246


 136, 152, 137

 111, 126, 112

 86, 101, 87

 63, 77, 64


 41, 55, 43


 21, 33, 22


 0, 11, 6

 0, 0, 0

 136, 152, 137


 121, 152, 123

 136, 152, 137

 151, 152, 151

 106, 152, 109


 153, 152, 166

 90, 152, 94

 154, 152, 182

 75, 152, 80


 155, 152, 197

 60, 152, 66

 156, 152, 212

 45, 152, 52


 157, 152, 227


 30, 152, 38

 158, 152, 242

 14, 152, 23

 159, 152, 255

 0, 152, 9

 160, 152, 255

Harmonies

Analogous

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



155, 160, 135



136, 152, 137



141, 154, 153

Triad

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



136, 152, 137



133, 145, 163



166, 146, 153

Complementary

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



136, 152, 137



137, 136, 152

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.



159, 147, 161



136, 152, 137



140, 148, 166

Square

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



136, 152, 137



131, 143, 156



150, 149, 165



168, 146, 145

Rectangle

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



136, 152, 137



137, 149, 155



150, 149, 165



164, 146, 156

Sweetspot

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



136, 152, 137



190, 196, 190



152, 137, 136



95, 99, 95



227, 227, 227



99, 99, 99

Same Dimension

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



136, 152, 137



171, 196, 172



136, 152, 145



69, 77, 70



0, 140, 9



0, 13, 1

Inverse Universe

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



137, 136, 152



172, 171, 196



145, 136, 152



69, 69, 77



9, 0, 140



1, 0, 13

Previews

White Background



This preview shows how the RYB color 136, 152, 137 looks on a white background.

Color Contrast Check

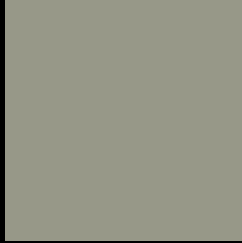
Large Text (above 18pt) WCAG AA × Fail

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 136, 152, 137 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 136, 152, 137 Background



This preview shows how black text looks on a background with the RYB color 136, 152, 137.



This preview shows how white text looks on a background with the RYB color 136, 152, 137.

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
136, 152, 137

Protanopia
145, 157, 135

Deuteranopia
170, 148, 137



Tritanopia
154, 148, 160

Trichromacy



Original Color

136, 152, 137

Protanomaly

140, 155, 135

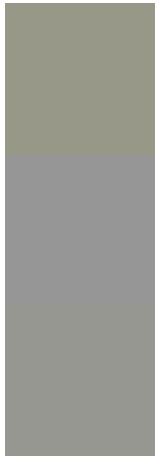
Deuteranomaly

163, 156, 137

Tritanomaly

153, 149, 151

Monochromacy



Original Color

136, 152, 137

Achromatopsia

150, 150, 150

Achromatomaly

145, 151, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 152, 137 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, 152, 136) looks like.

```
.text, #text, p{  
    color:rgb(151, 152, 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, 152, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 152, 136) }
```

Border

The CSS property to change the border of an element to RYB 136, 152, 137 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, 152, 136) }
```

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

```
.border{ border-color:rgb(151, 152, 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, 152, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 152, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 152, 136);  
box-shadow:4px 4px 4px 4px rgb(151, 152,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 136, 152, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 152, 136) }
```

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

```
.background{ background-color: rgb(151,  
152, 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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