

# Converting Colors

`RYB(130, 139, 137)`

Have a look what the booklet for  
RYB(130, 139, 137) contains.

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# Color

**R<sub>Y</sub>B(130, 139, 137)**

# Conversions

## Conversions Part 1

Format	Color
Hex	848B82
RGB	132, 139, 130
RGB Percent	52%, 55%, 51%
CMY	0.4824, 0.4549, 0.4902
CMYK	0.05, 0.00, 0.06, 0.45
HSL	107°, 4%, 53%
HSV	107°, 6%, 55%
XYZ	22.7776, 24.9825, 24.7407
YIQ	135.8810, -1.2830, -4.2830

# Conversions

## Conversions Part 2

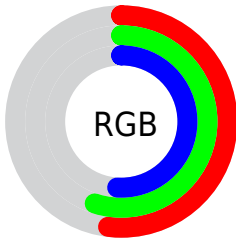
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 139, 137
Decimal	8686466
CIELab	57.06, -4.34, 3.92
CIELCh	57, 5.845, 137.892
Yxy	24.9825, 0.3142, 0.3446
Android (android.graphics.Color)	4286876546 (0xFF848B82)
YUV	135.8810, -2.8993, -3.4036
Hunter-Lab	49.9825, -6.1248, 5.6399

# Details

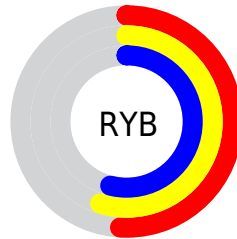
The RYB color **130, 139, 137** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **137, 130, 139**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **183, 192, 190**, and **81, 89, 87** is the 20% darker color. If you saturate the color by 10%, you get **116, 139, 134**, and if you desaturate by 10%, it is **143, 139, 144**.

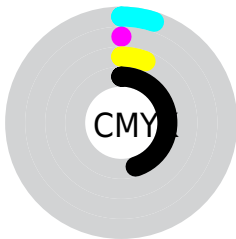
# Distribution



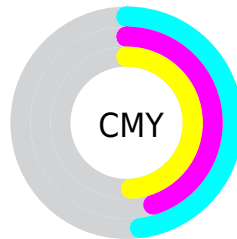
- Red (52%)
- Green (55%)
- Blue (51%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (48%)
- Magenta (45%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 130, 139, 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 130, 139, 137 by changing the saturation by 10% instead.



■ 130, 139, 137

255, 255, 255

■ 183, 192, 190

■ 210, 220, 217

■ 239, 249, 247

■ 130, 139, 137

■ 105, 114, 112

■ 81, 89, 87

■ 58, 66, 64

■ 36, 44, 42

■ 15, 23, 21

■ 0, 0, 0

■ 130, 139, 137


■ 116, 139, 134

■ 102, 139, 131


■ 130, 139, 137

■ 143, 139, 144


■ 154, 139, 158


 88, 139, 127


 164, 139, 172

 74, 139, 124


 175, 139, 186

 60, 139, 121


 186, 139, 199

 47, 139, 119

 197, 139, 213

 33, 139, 116

 208, 139, 227

 19, 139, 112

 218, 139, 241

 5, 139, 109

 229, 139, 255

# Harmonies

## Analogous

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



127, 138, 127



130, 139, 137



127, 135, 140

# Triad

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



130, 139, 137



130, 135, 147



148, 134, 134

# Complementary

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



130, 139, 137



137, 130, 139

# 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.



146, 134, 139



130, 139, 137



136, 136, 147

# Square

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



130, 139, 137



126, 134, 144



142, 135, 144



147, 135, 130

# Rectangle

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



130, 139, 137



125, 133, 140



142, 135, 144



148, 134, 136



# Sweetspot

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



130, 139, 137



177, 181, 180



133, 139, 130



90, 92, 92



219, 219, 219



92, 92, 92



# Same Dimension

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



130, 139, 137



167, 181, 178



130, 137, 139



62, 69, 68



0, 133, 104



0, 5, 4



# Inverse Universe

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



137, 130, 139



178, 167, 181



139, 130, 137



67, 62, 69



103, 0, 133



4, 0, 5



# Previews

## White Background



This preview shows how the RYB color 130, 139, 137 looks on a white background.

## Color Contrast Check

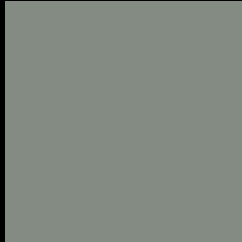
Large Text (above 18pt) WCAG AA ✓ Pass

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 130, 139, 137 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

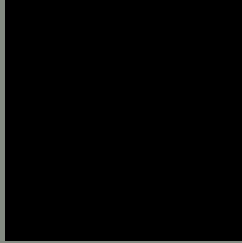
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

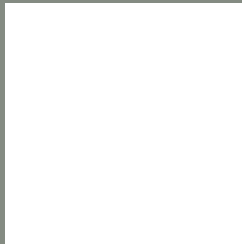
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 130, 139, 137 Background**



This preview shows how black text looks on a background with the RYB color 130, 139, 137.



This preview shows how white text looks on a background with the RYB color 130, 139, 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**

130, 139, 137

**Protanopia**

138, 141, 129

**Deuteranopia**

152, 132, 131



# Tritanopia

135, 136, 147

# Trichromacy



**Original Color**

130, 139, 137

**Protanomaly**

130, 138, 129

**Deuteranomaly**

145, 137, 131

**Tritanomaly**

134, 136, 141

# Monochromacy



**Original Color**

130, 139, 137

**Achromatopsia**

136, 136, 136

**Achromatomaly**

134, 137, 136

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 130, 139, 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(132, 139, 130)` looks like.

```
.text, #text, p{  
    color:rgb(132, 139, 130)  
}
```

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(132, 139, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 139, 130) }
```

## Border

The CSS property to change the border of an element to RYB 130, 139, 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(132, 139, 130) }
```

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

```
.border{ border-color:rgb(132, 139, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 139, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 139, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 139, 130);  
box-shadow:4px 4px 4px 4px rgb(132, 139,  
130) }
```

# Background

The CSS property to change the background color of an element to RYB 130, 139, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 139, 130) }
```

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

```
.background{ background-color: rgb(132,  
139, 130) }
```

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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