

Converting Colors

`RYB(137, 139, 141)`

Have a look what the booklet for
RYB(137, 139, 141) contains.

RYB(137, 139, 141)	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(137, 139, 141)

Conversions

Conversions Part 1

Format	Color
Hex	898D8D
RGB	137, 141, 141
RGB Percent	54%, 55%, 55%
CMY	0.4627, 0.4471, 0.4471
CMYK	0.03, 0.00, 0.00, 0.45
HSL	180°, 2%, 55%
HSV	180°, 3%, 55%
XYZ	24.6491, 26.2912, 28.9749
YIQ	139.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

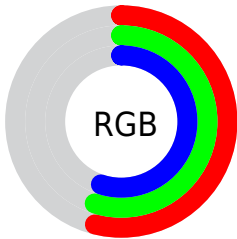
Format	Color
RYB	137, 139, 141
Decimal	9014669
CIELab	58.31, -1.46, -0.52
CIELCh	58, 1.548, 199.528
Yxy	26.2912, 0.3084, 0.3290
Android (android.graphics.Color)	4287204749 (0xFF898D8D)
YUV	139.8040, 0.5896, -2.4591
Hunter-Lab	51.2750, -3.9218, 2.3884

Details

The RYB color `137, 139, 141` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `141, 137, 137`, and the grayscale version is `140, 140, 140`.

A 20% lighter version of the original color is `190, 193, 195`, and `87, 89, 91` is the 20% darker color. If you saturate the color by 10%, you get `123, 132, 141`, and if you desaturate by 10%, it is `151, 141, 141`.

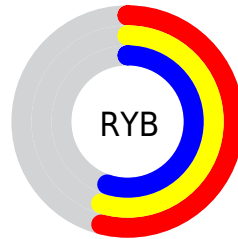
Distribution



Red (54%)

Green (55%)

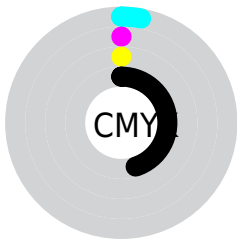
Blue (55%)



Red (54%)

Yellow (55%)

Blue (55%)

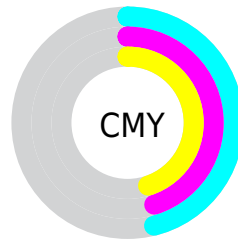


Cyan (3%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (46%)

Magenta (45%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the RYB color 137, 139, 141 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, 139, 141 by changing the saturation by 10% instead.


 137, 139, 141


255, 255, 255

 190, 193, 195

 218, 220, 222

 247, 249, 251

 137, 139, 141

 112, 114, 115


 87, 89, 91

 64, 66, 68

 42, 44, 45

 22, 24, 25


 0, 0, 0

 137, 139, 141

 123, 132, 141

 109, 125, 141

 137, 139, 141

 151, 141, 141

 165, 141, 141

95, 118, 141

179, 141, 141

81, 111, 141

193, 141, 141

67, 104, 141

208, 141, 141

52, 97, 141

222, 141, 141

38, 90, 141

236, 141, 141

24, 83, 141

250, 141, 141

10, 76, 141

255, 141, 141

Harmonies

Analogous

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



138, 140, 141



137, 139, 141



137, 139, 142

Triad

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



137, 139, 141



142, 140, 142



142, 142, 138

Complementary

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



137, 139, 141



141, 137, 137

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.



143, 141, 138



137, 139, 141



143, 139, 141

Square

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



137, 139, 141



140, 140, 143



143, 139, 139



138, 140, 138

Rectangle

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



137, 139, 141



138, 140, 143



143, 139, 139



142, 142, 138

Sweetspot

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



137, 139, 141



182, 183, 184



137, 141, 141



91, 92, 92



219, 219, 219



92, 92, 92

Same Dimension

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



137, 139, 141



178, 181, 184



137, 138, 141



69, 70, 71



0, 68, 135



0, 4, 8

Inverse Universe

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



141, 137, 141



184, 178, 184



141, 141, 137



71, 69, 71



135, 0, 135



8, 0, 8

Previews

White Background



This preview shows how the RYB color 137, 139, 141 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 137, 139, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

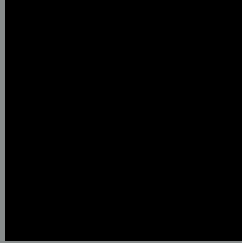
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

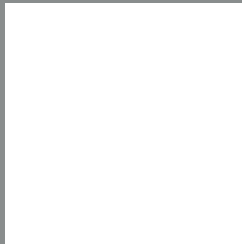
Any Text WCAG AAA × Fail

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

RYB 137, 139, 141 Background



This preview shows how black text looks on a background with the RYB color 137, 139, 141.



This preview shows how white text looks on a background with the RYB color 137, 139, 141.

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](#), [139](#), [141](#)

Protanopia

[142](#), [139](#), [140](#)

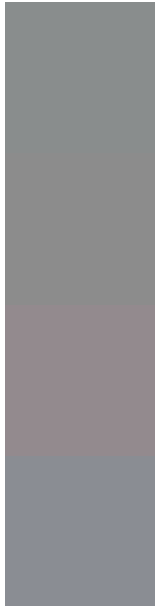
Deuteranopia

[153](#), [136](#), [142](#)



Tritanopia
139, 140, 151

Trichromacy



Original Color

137, 139, 141

Protanomaly

140, 140, 140

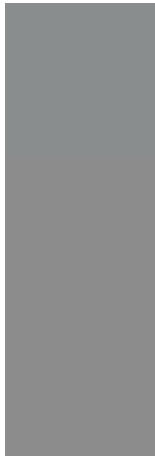
Deuteranomaly

147, 138, 142

Tritanomaly

138, 140, 147

Monochromacy



Original Color

137, 139, 141

Achromatopsia

140, 140, 140

Achromatomaly

139, 140, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 139, 141 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(137, 141, 141) looks like.

```
.text, #text, p{  
    color:rgb(137, 141, 141)  
}
```

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(137, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 141, 141) }
```

Border

The CSS property to change the border of an element to RYB 137, 139, 141 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(137, 141, 141) }
```

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

```
.border{ border-color:rgb(137, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(137, 141,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 137, 139, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 141, 141) }
```

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

```
.background{ background-color: rgb(137,  
141, 141) }
```

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