

Converting Colors

`RYB(137, 147, 155)`

Have a look what the booklet for
RYB(137, 147, 155) contains.

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Color

RYB(137, 147, 155)

Conversions

Conversions Part 1

Format	Color
Hex	899B97
RGB	137, 155, 151
RGB Percent	54%, 61%, 59%
CMY	0.4627, 0.3922, 0.4063
CMYK	0.12, 0.00, 0.02, 0.39
HSL	168°, 8%, 57%
HSV	168°, 12%, 61%
XYZ	27.6563, 31.0084, 33.9763
YIQ	149.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

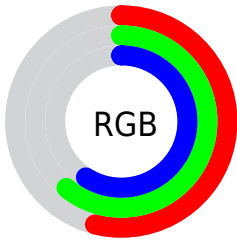
Format	Color
RYB	137, 147, 155
Decimal	9018263
CIELab	62.51, -7.10, -0.28
CIELCh	63, 7.105, 182.296
Yxy	31.0084, 0.2985, 0.3347
Android (android.graphics.Color)	4287208343 (0xFF899B97)
YUV	149.1620, 0.9061, -10.6661
Hunter-Lab	55.6852, -8.7962, 2.8039

Details

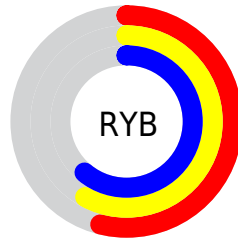
The RYB color **137, 147, 155** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **155, 137, 141**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **190, 201, 209**, and **87, 97, 104** is the 20% darker color. If you saturate the color by 10%, you get **122, 140, 155**, and if you desaturate by 10%, it is **153, 154, 155**.

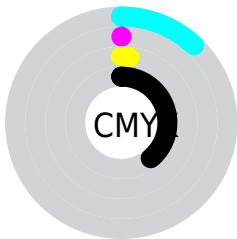
Distribution



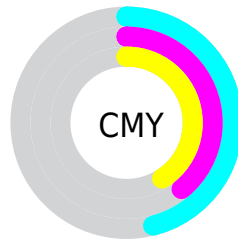
- Red (54%)
- Green (61%)
- Blue (59%)



- Red (54%)
- Yellow (58%)
- Blue (61%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (39%)



- Cyan (46%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 147, 155 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, 147, 155 by changing the saturation by 10% instead.

 137, 147, 155


255, 255, 255

 190, 200, 209

 218, 229, 238


 247, 251, 255

 137, 147, 155

 112, 121, 129

 87, 96, 104


 64, 73, 80

 41, 50, 57

 20, 28, 35

 0, 8, 14

 0, 0, 0

 137, 147, 155


 122, 140, 155


 137, 147, 155


 153, 154, 155

 106, 133, 155


 168, 155, 158

 91, 127, 155


 183, 155, 161


 75, 119, 155

 199, 155, 164

 60, 113, 155

 214, 155, 167

 44, 106, 155

 230, 155, 170

 29, 99, 155

 246, 155, 173

 13, 92, 155

 255, 155, 176

 0, 86, 155

 255, 155, 179

Harmonies

Analogous

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



142, 152, 154



137, 147, 155



136, 146, 158

Triad

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



137, 147, 155



153, 149, 162



162, 155, 140

Complementary

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



137, 147, 155



155, 137, 141

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.



165, 147, 145



137, 147, 155



160, 148, 157

Square

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



137, 147, 155



145, 150, 164



164, 147, 151



146, 156, 139

Rectangle

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



137, 147, 155



137, 147, 161



164, 147, 151



163, 151, 141

Sweetspot

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



137, 147, 155



195, 198, 201



137, 155, 151



98, 100, 102



230, 230, 230



102, 102, 102

Same Dimension

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



137, 147, 155



173, 188, 201



137, 145, 155



69, 74, 77



0, 78, 140



0, 7, 13

Inverse Universe

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



155, 137, 141



201, 173, 179



155, 144, 137



77, 69, 70



140, 0, 28



13, 0, 3

Previews

White Background



This preview shows how the RYB color 137, 147, 155 looks on a white background.

Color Contrast Check

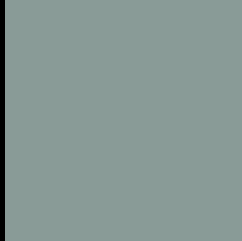
Large Text (above 18pt) WCAG AA × Fail

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, 147, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

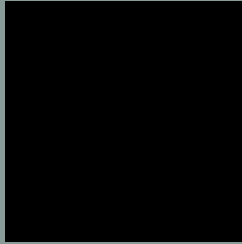
Any Text WCAG AA ✓ Pass

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, 147, 155 Background



This preview shows how black text looks on a background with the RYB color 137, 147, 155.



This preview shows how white text looks on a background with the RYB color 137, 147, 155.

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





Tritanopia
139, 148, 165

Trichromacy



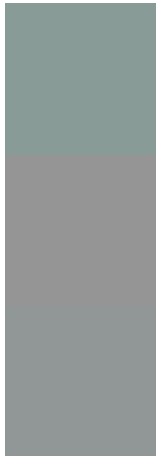
Original Color
137, 147, 155

Protanomaly
148, 151, 152

Deuteranomaly
154, 149, 152

Tritanomaly
138, 147, 160

Monochromacy



Original Color
137, 147, 155

Achromatopsia
149, 149, 149

Achromatomaly
145, 148, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 147, 155 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, 155, 151)` looks like.

```
.text, #text, p{  
    color:rgb(137, 155, 151)  
}
```

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, 155, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 155, 151) }
```

Border

The CSS property to change the border of an element to RYB 137, 147, 155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

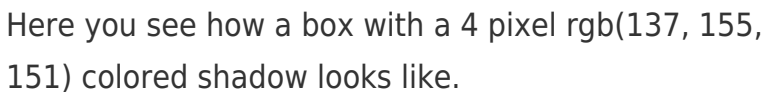
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 155, 151) }
```

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

```
.border{ border-color:rgb(137, 155, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 155, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 155, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 155, 151); box-shadow:4px 4px 4px 4px rgb(137, 155, 151) }
```

Background

The CSS property to change the background color of an element to RYB 137, 147, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 155, 151) }
```

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

```
.background{ background-color: rgb(137,  
155, 151) }
```

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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