

Converting Colors

`RYB(137, 170, 159)`

Have a look what the booklet for
RYB(137, 170, 159) contains.

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Color

`RYB(137, 170, 159)`

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 94AA89 |
| RGB | 148, 170, 137 |
| RGB Percent | 58%, 67%, 54% |
| CMY | 0.4196, 0.3333, 0.4627 |
| CMYK | 0.13, 0.00, 0.19, 0.33 |
| HSL | 100°, 16%, 60% |
| HSV | 100°, 19%, 67% |
| XYZ | 31.1028, 36.8515, 29.1407 |
| YIQ | 159.6600, -2.5190, -14.9270 |

Conversions

Conversions Part 2

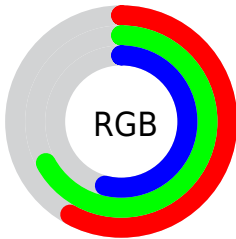
| Format | Color |
|-------------------------------------|--|
| RYB | 137, 170, 159 |
| Decimal | 9742985 |
| CIELab | 67.17, -13.92, 14.50 |
| CIELCh | 67, 20.100, 133.824 |
| Yxy | 36.8515, 0.3203, 0.3795 |
| Android (android.graphics.Color) | 4287933065 (0xFF94AA89) |
| YUV | 159.6600, -11.1714, -10.2258 |
| Hunter-Lab | 60.7054, -14.7789, 14.0326 |

Details

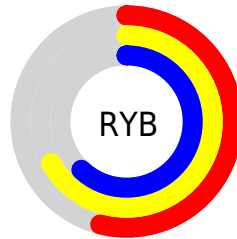
The RYB color **137, 170, 159** is a light color, and the websafe version is hex **999966**. A complement of this color would be **159, 137, 170**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **190, 225, 213**, and **87, 118, 108** is the 20% darker color. If you saturate the color by 10%, you get **120, 170, 153**, and if you desaturate by 10%, it is **154, 170, 165**.

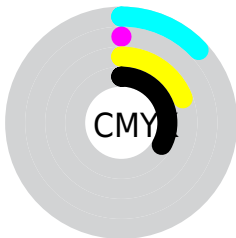
Distribution



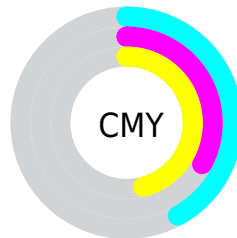
- Red (58%)
- Green (67%)
- Blue (54%)



- Red (54%)
- Yellow (67%)
- Blue (62%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (33%)



- Cyan (42%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 170, 159 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, 170, 159 by changing the saturation by 10% instead.

 137, 170, 159


255, 255, 255


 190, 225, 213

 218, 254, 242


 247, 255, 247


 137, 170, 159

 112, 143, 133

 87, 118, 108


 64, 93, 84

 41, 69, 60


 21, 47, 40


 0, 27, 23

 0, 0, 0


 137, 170, 159


 120, 170, 153

 137, 170, 159


 154, 170, 165

 103, 170, 148


 171, 170, 171

 86, 170, 142


 182, 170, 188

 69, 170, 136


 193, 170, 205

 52, 170, 131

 205, 170, 222

 35, 170, 125

 216, 170, 239

 18, 170, 119

 227, 170, 255

 1, 170, 114

 239, 170, 255

 0, 170, 113

 250, 170, 255

Harmonies

Analogous

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



132, 169, 128



137, 170, 159



128, 157, 173

Triad

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



137, 170, 159



130, 154, 198



201, 151, 156

Complementary

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



137, 170, 159



159, 137, 170

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.



194, 152, 174



137, 170, 159



154, 161, 198

Square

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



137, 170, 159



115, 147, 188



177, 156, 190



198, 159, 139

Rectangle

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



137, 170, 159



118, 148, 174



177, 156, 190



200, 151, 162

Sweetspot

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



137, 170, 159



209, 222, 218



154, 170, 137



104, 112, 109



240, 240, 240



112, 112, 112

Same Dimension

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



137, 170, 159



171, 222, 205



137, 166, 170



76, 84, 81



0, 148, 99



0, 20, 13

Inverse Universe

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



159, 137, 170



205, 171, 222



170, 137, 164



81, 76, 84



99, 0, 148



14, 0, 20

Previews

White Background



This preview shows how the RYB color 137, 170, 159 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, 170, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

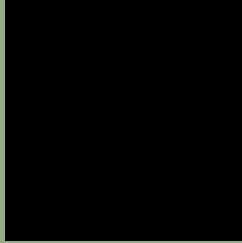
Any Text WCAG AA ✓ Pass

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](#).

RGB 137, 170, 159 Background



This preview shows how black text looks on a background with the RGB color 137, 170, 159.

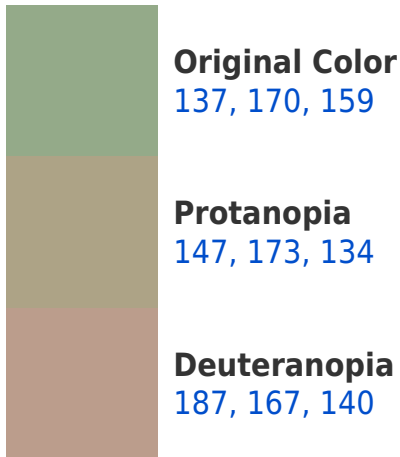


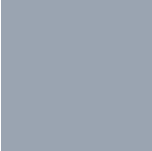
This preview shows how white text looks on a background with the RGB color 137, 170, 159.

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
154, 161, 177

Trichromacy



Original Color

137, 170, 159

Protanomaly

135, 166, 137

Deuteranomaly

155, 173, 139

Tritanomaly

152, 160, 166

Monochromacy



Original Color

137, 170, 159

Achromatopsia

160, 160, 160

Achromatomaly

152, 164, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 170, 159 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(148, 170, 137) looks like.

```
.text, #text, p{  
    color:rgb(148, 170, 137)  
}
```

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(148, 170, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 170, 137) }
```

Border

The CSS property to change the border of an element to RYB 137, 170, 159 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(148, 170, 137) }
```

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

```
.border{ border-color:rgb(148, 170, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 170, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 170, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 170, 137);  
box-shadow:4px 4px 4px 4px rgb(148, 170,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 137, 170, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 170, 137) }
```

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

```
.background{ background-color: rgb(148,  
170, 137) }
```

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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