

Converting Colors

`RYB(159, 137, 158)`

Have a look what the booklet for
RYB(159, 137, 158) contains.

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Color

R_YB(159, 137, 158)

Conversions

Conversions Part 1

Format	Color
Hex	9F899E
RGB	159, 137, 158
RGB Percent	62%, 54%, 62%
CMY	0.3765, 0.4627, 0.3804
CMYK	0.00, 0.14, 0.01, 0.38
HSL	303°, 10%, 58%
HSV	303°, 14%, 62%
XYZ	29.4153, 27.7309, 36.1500
YIQ	145.9720, 6.3710, 11.1950

Conversions

Conversions Part 2

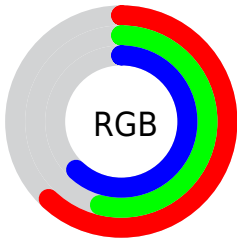
Format	Color
R_{YB}	159, 137, 158
Decimal	10455454
CIE _{Lab}	59.64, 12.15, -8.07
CIE _{LCh}	60, 14.585, 326.423
Yxy	27.7309, 0.3153, 0.2972
Android (android.graphics.Color)	4288645534 (0xFF9F899E)
YUV	145.9720, 5.9298, 11.4256
Hunter-Lab	52.6601, 7.5527, -3.8392

Details

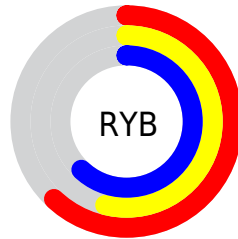
The RYB color **159, 137, 158** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **137, 158, 159**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **214, 190, 213**, and **107, 87, 107** is the 20% darker color. If you saturate the color by 10%, you get **159, 121, 157**, and if you desaturate by 10%, it is **159, 153, 159**.

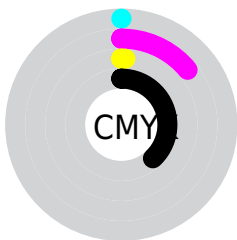
Distribution



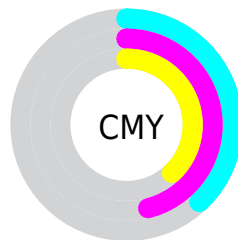
- Red (62%)
- Green (54%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (46%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the RYB color 159, 137, 158 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 159, 137, 158 by changing the saturation by 10% instead.

 159, 137, 158

255, 255, 255

 214, 190, 213

 242, 218, 241


 255, 247, 255

 159, 137, 158

 133, 112, 132

 107, 87, 107

 83, 64, 82


 60, 42, 59

 38, 21, 38

 17, 0, 17

 0, 0, 0

 159, 137, 158

 159, 121, 157

 159, 137, 158

 159, 153, 159

159, 105, 157

159, 169, 169

159, 89, 156

159, 184, 185

159, 73, 155

159, 199, 201

159, 57, 154

159, 214, 217

159, 42, 154

159, 229, 232

159, 26, 153

159, 244, 248

159, 10, 152

159, 250, 255

159, 0, 152

159, 249, 255

Harmonies

Analogous

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



144, 141, 167



159, 137, 158



168, 135, 146

Triad

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



159, 137, 158



138, 155, 118



110, 131, 155

Complementary

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



159, 137, 158



137, 158, 159

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.



115, 136, 151



159, 137, 158



121, 146, 126

Square

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



159, 137, 158



166, 146, 123



127, 147, 149



114, 135, 165

Rectangle

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



159, 137, 158



171, 135, 137



127, 147, 149



110, 131, 151

Sweetspot

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



159, 137, 158



207, 198, 206



138, 137, 159



105, 99, 104



232, 232, 232



105, 105, 105

Same Dimension

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



159, 137, 158



207, 171, 205



159, 137, 147



79, 71, 79



143, 0, 136



15, 0, 15

Inverse Universe

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



159, 137, 158



207, 171, 205



137, 151, 159



79, 71, 79



143, 0, 136



15, 0, 15

Previews

White Background



This preview shows how the RYB color 159, 137, 158 looks on a white background.

Color Contrast Check

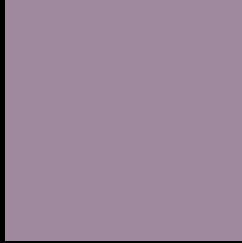
Large Text (above 18pt) WCAG AA ✓ Pass

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 159, 137, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

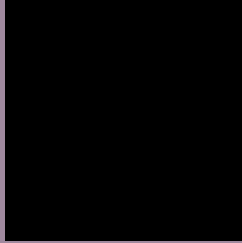
Any Text WCAG AA ✓ Pass

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 159, 137, 158 Background



This preview shows how black text looks on a background with the RYB color 159, 137, 158.



This preview shows how white text looks on a background with the RYB color 159, 137, 158.

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

159, 137, 158

Protanopia

141, 143, 162

Deuteranopia

151, 140, 157



Tritanopia
158, 138, 149

Trichromacy



Original Color
159, 137, 158

Protanomaly
148, 141, 161

Deuteranomaly
154, 139, 157

Tritanomaly
158, 138, 152

Monochromacy



Original Color
159, 137, 158

Achromatopsia
146, 146, 146

Achromatomaly
151, 143, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 137, 158 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(159, 137, 158) looks like.

```
.text, #text, p{  
    color:rgb(159, 137, 158)  
}
```

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(159, 137, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 137, 158) }
```

Border

The CSS property to change the border of an element to RYB 159, 137, 158 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(159, 137, 158) }
```

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

```
.border{ border-color:rgb(159, 137, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 137, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 137, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 137, 158); box-shadow:4px 4px 4px 4px rgb(159, 137, 158) }
```

Background

The CSS property to change the background color of an element to RYB 159, 137, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 137, 158) }
```

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

```
.background{ background-color: rgb(159,  
137, 158) }
```

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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