

Converting Colors

`RYB(157, 141, 151)`

Have a look what the booklet for
RYB(157, 141, 151) contains.

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Color

R_YB(157, 141, 151)

Conversions

Conversions Part 1

Format	Color
Hex	9D8D97
RGB	157, 141, 151
RGB Percent	62%, 55%, 59%
CMY	0.3843, 0.4471, 0.4078
CMYK	0.00, 0.10, 0.04, 0.38
HSL	322°, 8%, 58%
HSV	322°, 10%, 62%
XYZ	29.0154, 28.4522, 33.2407
YIQ	146.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

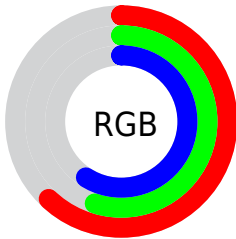
Format	Color
R_{YB}	157, 141, 151
Decimal	10325399
CIE Lab	60.30, 7.81, -3.13
CIE LCh	60, 8.411, 338.186
Yxy	28.4522, 0.3199, 0.3137
Android (android.graphics.Color)	4288515479 (0xFF9D8D97)
YUV	146.9240, 2.0095, 8.8367
Hunter-Lab	53.3406, 3.7516, 0.3902

Details

The RYB color **157, 141, 151** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **141, 153, 157**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **212, 195, 205**, and **106, 91, 100** is the 20% darker color. If you saturate the color by 10%, you get **157, 125, 145**, and if you desaturate by 10%, it is **157, 157, 157**.

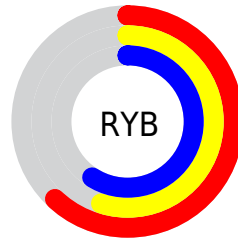
Distribution



Red (62%)

Green (55%)

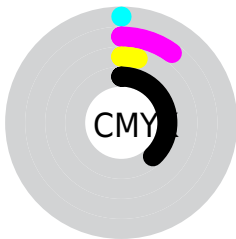
Blue (59%)



Red (62%)

Yellow (55%)

Blue (59%)

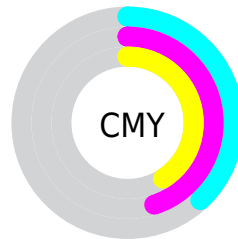


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 141, 151 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 157, 141, 151 by changing the saturation by 10% instead.


 157, 141, 151


255, 255, 255

 212, 195, 205

 240, 223, 233

 255, 251, 255

 157, 141, 151

 131, 115, 125

 106, 91, 100

 81, 67, 76


 58, 45, 54


 37, 24, 32


 17, 0, 9

 0, 0, 0

 157, 141, 151

 157, 125, 145

 157, 141, 151

 157, 157, 157

■ 157, 110, 139

■ 157, 168, 172

■ 157, 94, 133

■ 157, 179, 188

■ 157, 78, 127

■ 157, 191, 204

■ 157, 63, 122

■ 157, 203, 220

■ 157, 47, 116

■ 157, 214, 235

■ 157, 31, 110

■ 157, 225, 251

■ 157, 15, 104

■ 157, 226, 255

■ 157, 0, 98

■ 157, 223, 255

Harmonies

Analogous

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



149, 143, 157



157, 141, 151



161, 140, 144

Triad

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



157, 141, 151



136, 149, 131



127, 139, 154

Complementary

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



157, 141, 151



141, 153, 157

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.



128, 140, 150



157, 141, 151



134, 148, 141

Square

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



157, 141, 151



157, 152, 132



133, 144, 149



132, 142, 159

Rectangle

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



157, 141, 151



161, 141, 139



133, 144, 149



127, 139, 152

Sweetspot

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



157, 141, 151



204, 198, 202



147, 141, 157



102, 98, 100



230, 230, 230



102, 102, 102

Same Dimension

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



157, 141, 151



204, 180, 195



157, 141, 143



79, 71, 76



143, 0, 89



15, 0, 10

Inverse Universe

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



157, 141, 151



204, 180, 195



141, 150, 157



79, 71, 76



143, 0, 89



15, 0, 10

Previews

White Background



This preview shows how the RYB color 157, 141, 151 looks on a white background.

Color Contrast Check

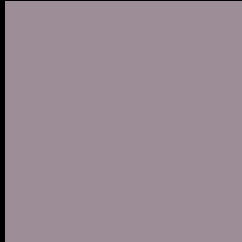
Large Text (above 18pt) WCAG AA ✓ Pass

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 157, 141, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

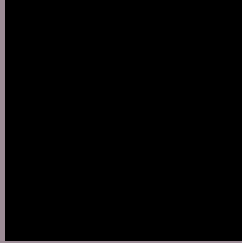
Any Text WCAG AA ✓ Pass

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 157, 141, 151 Background



This preview shows how black text looks on a background with the RYB color 157, 141, 151.



This preview shows how white text looks on a background with the RYB color 157, 141, 151.

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
157, 141, 151

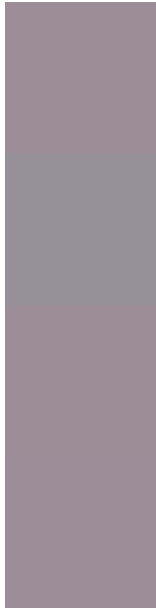
Protanopia
146, 145, 153

Deuteranopia
157, 141, 151



Tritanopia
157, 141, 152

Trichromacy



Original Color
157, 141, 151

Protanomaly
150, 144, 152

Deuteranomaly
157, 141, 151

Tritanomaly
157, 141, 152

Monochromacy



Original Color
157, 141, 151

Achromatopsia
147, 147, 147

Achromatomaly
151, 145, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 141, 151 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(157, 141, 151)` looks like.

```
.text, #text, p{  
    color:rgb(157, 141, 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(157, 141, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 141, 151) }
```

Border

The CSS property to change the border of an element to RYB 157, 141, 151 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(157, 141, 151) }
```

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

```
.border{ border-color:rgb(157, 141, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 141, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 141, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 141, 151);  
box-shadow:4px 4px 4px 4px rgb(157, 141,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 157, 141, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 141, 151) }
```

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

```
.background{ background-color: rgb(157,  
141, 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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