

Converting Colors

`RYB(157, 145, 159)`

Have a look what the booklet for
RYB(157, 145, 159) contains.

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Color

R_YB(157, 145, 159)

Conversions

Conversions Part 1

Format	Color
Hex	9D919F
RGB	157, 145, 159
RGB Percent	62%, 57%, 62%
CMY	0.3843, 0.4314, 0.3765
CMYK	0.01, 0.09, 0.00, 0.38
HSL	291°, 7%, 60%
HSV	291°, 9%, 62%
XYZ	30.2880, 29.9221, 36.9801
YIQ	150.1840, 2.6580, 6.8980

Conversions

Conversions Part 2

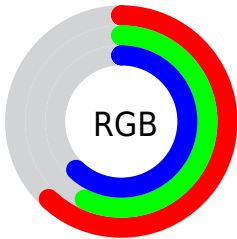
Format	Color
R_{YB}	157, 145, 159
Decimal	10326431
CIE _{Lab}	61.59, 7.09, -5.77
CIE _{LCh}	62, 9.142, 320.871
Yxy	29.9221, 0.3116, 0.3079
Android (android.graphics.Color)	4288516511 (0xFF9D919F)
YUV	150.1840, 4.3463, 5.9776
Hunter-Lab	54.7011, 3.1087, -1.7916

Details

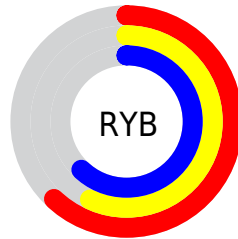
The RYB color **157, 145, 159** is a light color, and the websafe version is hex **999999**. A complement of this color would be **145, 159, 157**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **212, 199, 214**, and **106, 95, 108** is the 20% darker color. If you saturate the color by 10%, you get **155, 129, 159**, and if you desaturate by 10%, it is **159, 161, 161**.

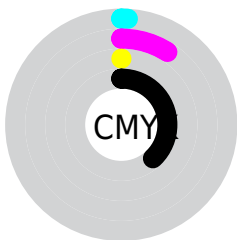
Distribution



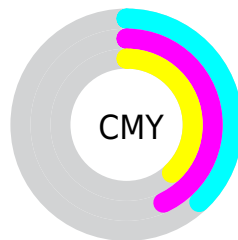
- Red (62%)
- Green (57%)
- Blue (62%)



- Red (62%)
- Yellow (57%)
- Blue (62%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the RYB color 157, 145, 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 157, 145, 159 by changing the saturation by 10% instead.


 157, 145, 159

255, 255, 255

 212, 199, 214

 240, 227, 242

 157, 145, 159


 131, 119, 133

 106, 95, 108


 82, 71, 83

 58, 49, 60


 37, 28, 39

 16, 1, 18

 0, 0, 0

 157, 145, 159

 155, 129, 159

 157, 145, 159

 159, 161, 161

■ 152, 113, 159

■ 159, 177, 174

■ 150, 97, 159

■ 159, 193, 188

■ 148, 81, 159

■ 159, 209, 202

■ 146, 66, 159

■ 159, 225, 216

■ 143, 50, 159

■ 159, 240, 228

■ 141, 34, 159

■ 159, 255, 241

■ 139, 18, 159

■ 159, 255, 239

■ 137, 2, 159

■ 159, 255, 237

Harmonies

Analogous

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



147, 147, 164



157, 145, 159



164, 143, 152

Triad

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



157, 145, 159



153, 158, 133



129, 141, 154

Complementary

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



157, 145, 159



145, 159, 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.



132, 145, 153



157, 145, 159



134, 150, 135

Square

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



157, 145, 159



164, 149, 136



138, 152, 150



131, 143, 161

Rectangle

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



157, 145, 159



166, 143, 146



138, 152, 150



129, 142, 154

Sweetspot

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



157, 145, 159



206, 200, 207



145, 147, 159



104, 100, 105



232, 232, 232



105, 105, 105

Same Dimension

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



157, 145, 159



203, 184, 207



159, 145, 154



78, 71, 79



122, 0, 143



13, 0, 15

Inverse Universe

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



159, 145, 147



207, 184, 187



145, 155, 159



79, 71, 72



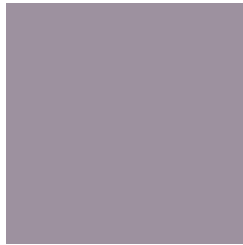
143, 0, 20



15, 0, 2

Previews

White Background



This preview shows how the RYB color 157, 145, 159 looks on a white background.

Color Contrast Check

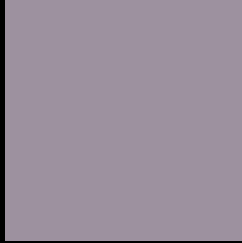
Large Text (above 18pt) WCAG AA ✓ Pass

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, 145, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

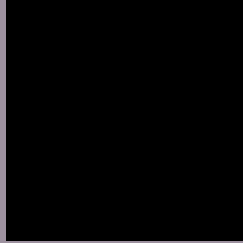
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

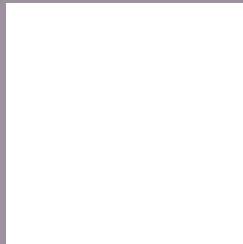
Any Text WCAG AAA × Fail

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

RYB 157, 145, 159 Background



This preview shows how black text looks on a background with the RYB color 157, 145, 159.

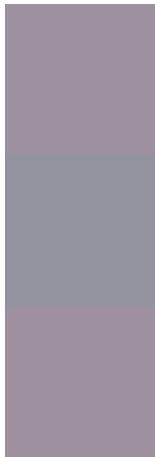


This preview shows how white text looks on a background with the RYB color 157, 145, 159.

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



Original Color
157, 145, 159

Protanopia
148, 148, 161

Deuteranopia
158, 144, 159



Tritanopia
157, 145, 157

Trichromacy



Original Color

157, 145, 159

Protanomaly

151, 147, 160

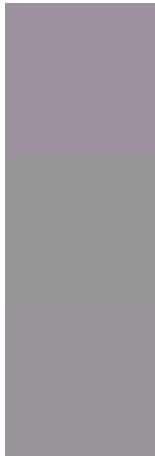
Deuteranomaly

158, 144, 159

Tritanomaly

157, 145, 158

Monochromacy



Original Color

157, 145, 159

Achromatopsia

150, 150, 150

Achromatomaly

153, 148, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 145, 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(157, 145, 159) looks like.

```
.text, #text, p{  
    color:rgb(157, 145, 159)  
}
```

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, 145, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 145, 159) }
```

Border

The CSS property to change the border of an element to RYB 157, 145, 159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

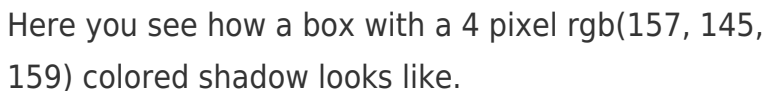
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 145, 159) }
```

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

```
.border{ border-color:rgb(157, 145, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 145, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 145, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 145, 159); box-shadow:4px 4px 4px 4px rgb(157, 145, 159) }
```

Background

The CSS property to change the background color of an element to RYB 157, 145, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 145, 159) }
```

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

```
.background{ background-color: rgb(157,  
145, 159) }
```

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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