Converting Colors

RYB(158, 147, 158)

Have a look what the booklet for RYB(158, 147, 158) contains.

Color

RYB(158, 147, 158)

Conversions

Format	Color
Hex	9E939E
RGB	158, 147, 158
RGB Percent	62%, 58%, 62%
CMY	0.3804, 0.4235, 0.3804
CMYK	0.00, 0.07, 0.00, 0.38
HSL	300°, 5%, 60%
HSV	300°, 7%, 62%
XYZ	30.7058, 30.6052, 36.6368
YIQ	151.5430, 3.0250, 5.7530

Conversions Part 1

Conversions

Conversions Part 2

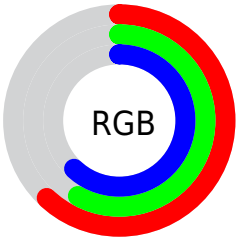
Format	Color
RYB	158, 147, 158
Decimal	10392478
CIELab	62.17, 6.13, -4.33
CIELCh	62, 7.502, 324.786
Yxy	30.6052, 0.3135, 0.3125
Android (android.graphics.Color)	4288582558 (0xFF9E939E)
YUV	151.5430, 3.1833, 5.6628
Hunter-Lab	55.3219, 2.2611, -0.5393

Details

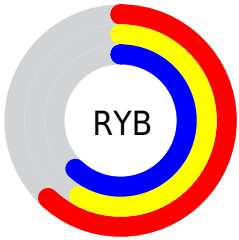
The RYB color 158, 147, 158 is a light color, and the websafe version is hex 999999. A complement of this color would be 147, 158, 158, and the grayscale version is 152, 152, 152.

A 20% lighter version of the original color is 213, 201, 213, and 107, 96, 107 is the 20% darker color. If you saturate the color by 10%, you get 158, 131, 158, and if you desaturate by 10%, it is 158, 163, 163.

Distribution

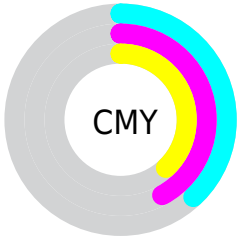


- Red (62%)
- Green (58%)
- Blue (62%)



- Red (62%)
- Yellow (58%)
- Blue (62%)

- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 147, 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 158, 147, 158 by changing the saturation by 10% instead.

158, 147, 158

255, 255, 255

213, 201, 213

241, 229, 241

158, 147, 158

132, 121, 132

107, 96, 107

82, 73, 83

59, 50, 60

38, 29, 38

17, 4, 17

0, 0, 0

158, 147, 158

158, 131, 158

158, 147, 158

158, 163, 163

158, 115, 158

158, 100, 158

158, 84, 158

158, 68, 158

158, 52, 158

158, 36, 158

158, 21, 158

158, 5, 158

158, 179, 179

158, 194, 194

158, 210, 210

158, 226, 226

158, 242, 242

158, 255, 255

Harmonies

Analogous

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

150, 149, 162

158, 147, 158

163, 146, 152

Triad

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

158, 147, 158

150, 157, 137

134, 144, 156

Complementary

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

158, 147, 158

147, 158, 158

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.

136, 146, 154

158, 147, 158

138, 152, 140

Square

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

158, 147, 158

163, 150, 140

142, 153, 153

136, 146, 161

Rectangle

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

158, 147, 158

165, 146, 147

142, 153, 153

134, 144, 154

Sweetspot

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

158, 147, 158

207, 202, 207

147, 147, 158

105, 102, 105

232, 232, 232

105, 105, 105

Same Dimension

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

158, 147, 158

207, 190, 207

158, 147, 153

79, 71, 79

143, 0, 143

15, 0, 15

Inverse Universe

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

158, 147, 158

207, 190, 207

147, 154, 158

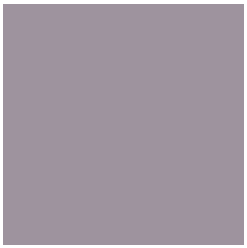
79, 71, 79

143, 0, 143

15, 0, 15

Previews

White Background

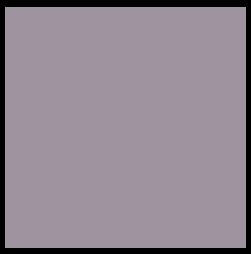


This preview shows how the RYB color 158, 147, 158 looks on a white background.

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



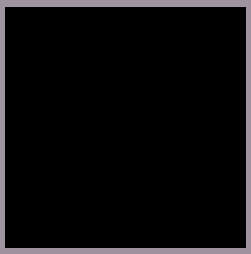
This preview shows how the RYB color 158, 147, 158 looks on a black background.

Color Contrast Check

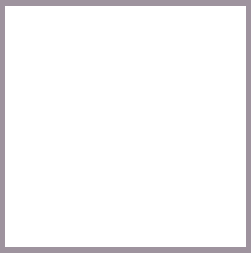
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 158, 147, 158 Background



This preview shows how black text looks on a background with the RYB color 158, 147, 158.

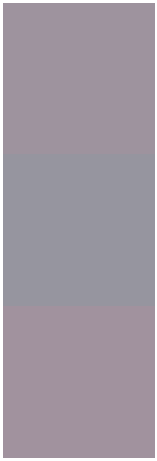


This preview shows how white text looks on a background with the RYB color 158, 147, 158.

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



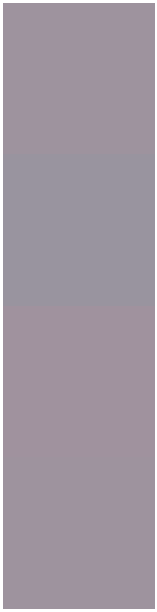
Original Color
158, 147, 158

Protanopia
150, 149, 159

Deuteranopia
161, 146, 158

Tritanopia
158, 147, 158

Trichromacy



Original Color
158, 147, 158

Protanomaly
153, 148, 159

Deuteranomaly
160, 146, 158

Tritanomaly
158, 147, 158

Monochromacy

Original Color
158, 147, 158

Achromatopsia
152, 152, 152

Achromatomaly
154, 150, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 147, 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(158, 147, 158) looks like.

```
.text, #text, p{
    color:rgb(158, 147, 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(158, 147, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 147, 158) }
```

Border

The CSS property to change the border of an element to RYB 158, 147, 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(158, 147, 158) }
```

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

```
.border{ border-color:rgb(158, 147, 158) }
```

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

Here you see how a box with a 4 pixel rgb(158, 147, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 147, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 147, 158); box-shadow:4px 4px 4px 4px rgb(158, 147, 158) }
```

Background

The CSS property to change the background color of an element to RYB 158, 147, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(158, 147, 158) }
```

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

```
.background{ background-color:rgb(158,
147, 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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