

Converting Colors

`RYB(158, 139, 171)`

Have a look what the booklet for
RYB(158, 139, 171) contains.

RYB(158, 139, 171)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(158, 139, 171)

Conversions

Conversions Part 1

Format	Color
Hex	9E8BAB
RGB	158, 139, 171
RGB Percent	62%, 55%, 67%
CMY	0.3804, 0.4549, 0.3294
CMYK	0.08, 0.19, 0.00, 0.33
HSL	276°, 16%, 61%
HSV	276°, 19%, 67%
XYZ	30.6839, 28.6746, 42.4456
YIQ	148.3290, 1.0520, 13.9800

Conversions

Conversions Part 2

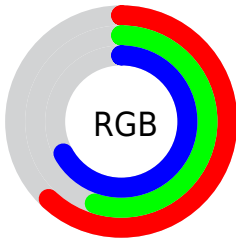
Format	Color
R_{YB}	158, 139, 171
Decimal	10390443
CIE _{Lab}	60.49, 13.29, -14.22
CIE _{LCh}	60, 19.459, 313.065
Yxy	28.6746, 0.3014, 0.2817
Android (android.graphics.Color)	4288580523 (0xFF9E8BAB)
YUV	148.3290, 11.1768, 8.4815
Hunter-Lab	53.5487, 8.5718, -9.5124

Details

The RYB color **158, 139, 171** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **139, 171, 158**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **213, 193, 226**, and **106, 89, 119** is the 20% darker color. If you saturate the color by 10%, you get **151, 122, 171**, and if you desaturate by 10%, it is **165, 156, 171**.

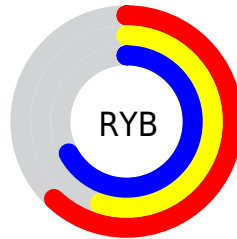
Distribution



Red (62%)

Green (55%)

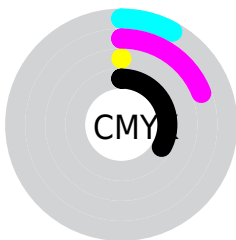
Blue (67%)



Red (62%)

Yellow (55%)

Blue (67%)

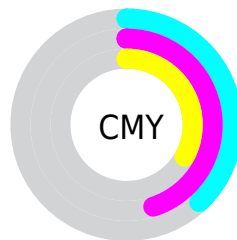


Cyan (8%)

Magenta (19%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (45%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 139, 171 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, 139, 171 by changing the saturation by 10% instead.


 158, 139, 171


255, 255, 255

 213, 193, 226

 241, 220, 255

 255, 249, 255

 158, 139, 171


 132, 113, 144

 106, 89, 119

 82, 65, 94

 59, 43, 70


 37, 23, 48

 18, 0, 27

 0, 0, 0

 158, 139, 171

 151, 122, 171

 158, 139, 171

 165, 156, 171

144, 105, 171

171, 173, 172

137, 88, 171

171, 190, 182

130, 71, 171

171, 207, 192

123, 53, 171

171, 224, 202

116, 36, 171

171, 242, 213

109, 19, 171

171, 255, 219

102, 2, 171

171, 255, 212

102, 0, 171

171, 255, 205

Harmonies

Analogous

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



136, 143, 179



158, 139, 171



174, 135, 156

Triad

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



158, 139, 171



166, 168, 113



100, 129, 156

Complementary

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



158, 139, 171



139, 171, 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.



113, 141, 155



158, 139, 171



116, 151, 112

Square

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



158, 139, 171



179, 140, 123



120, 152, 140



99, 130, 169

Rectangle

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



158, 139, 171



180, 134, 145



120, 152, 140



103, 132, 156

Sweetspot

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



158, 139, 171



216, 209, 222



139, 148, 171



109, 104, 112



240, 240, 240



112, 112, 112

Same Dimension

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



158, 139, 171



202, 173, 222



171, 139, 168



83, 78, 87



89, 0, 150



14, 0, 23

Inverse Universe

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



171, 139, 152



222, 173, 193



139, 168, 171



87, 78, 82



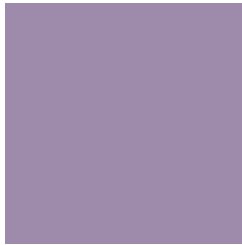
150, 0, 61



23, 0, 9

Previews

White Background



This preview shows how the RYB color 158, 139, 171 looks on a white background.

Color Contrast Check

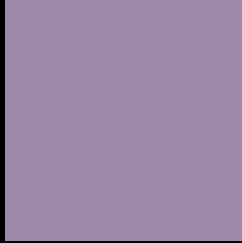
Large Text (above 18pt) WCAG AA ✓ Pass

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 158, 139, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

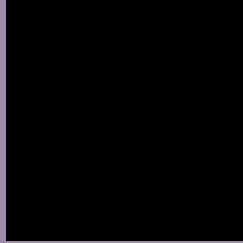
Any Text WCAG AA ✓ Pass

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 158, 139, 171 Background



This preview shows how black text looks on a background with the RYB color 158, 139, 171.



This preview shows how white text looks on a background with the RYB color 158, 139, 171.

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, 139, 171

Protanopia

140, 144, 175

Deuteranopia

148, 142, 170



Tritanopia
155, 142, 153

Trichromacy



Original Color
158, 139, 171

Protanomaly
147, 143, 174

Deuteranomaly
152, 141, 170

Tritanomaly
156, 141, 160

Monochromacy



Original Color
158, 139, 171

Achromatopsia
148, 148, 148

Achromatomaly
152, 145, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 139, 171 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, 139, 171) looks like.

```
.text, #text, p{  
    color:rgb(158, 139, 171)  
}
```

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, 139, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 139, 171) }
```

Border

The CSS property to change the border of an element to RYB 158, 139, 171 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, 139, 171) }
```

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

```
.border{ border-color:rgb(158, 139, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 139, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 139, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 139, 171);  
box-shadow:4px 4px 4px 4px rgb(158, 139,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 158, 139, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 139, 171) }
```

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

```
.background{ background-color: rgb(158,  
139, 171) }
```

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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