

Converting Colors

`RYB(155, 139, 168)`

Have a look what the booklet for
RYB(155, 139, 168) contains.

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Color

R_YB(155, 139, 168)

Conversions

Conversions Part 1

Format	Color
Hex	9B8BA8
RGB	155, 139, 168
RGB Percent	61%, 55%, 66%
CMY	0.3922, 0.4549, 0.3412
CMYK	0.08, 0.17, 0.00, 0.34
HSL	273°, 14%, 60%
HSV	273°, 17%, 66%
XYZ	29.8181, 28.2610, 40.9291
YIQ	147.0900, 0.2270, 12.4110

Conversions

Conversions Part 2

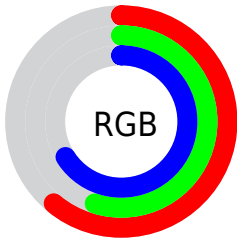
Format	Color
RYB	155, 139, 168
Decimal	10193832
CIELab	60.12, 11.62, -13.09
CIElCh	60, 17.507, 311.598
Yxy	28.2610, 0.3012, 0.2854
Android (android.graphics.Color)	4288383912 (0xFF9B8BA8)
YUV	147.0900, 10.3086, 6.9371
Hunter-Lab	53.1610, 7.0890, -8.4351

Details

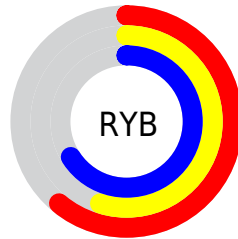
The RYB color **155, 139, 168** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **139, 168, 155**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **210, 193, 223**, and **104, 89, 116** is the 20% darker color. If you saturate the color by 10%, you get **147, 122, 168**, and if you desaturate by 10%, it is **163, 156, 168**.

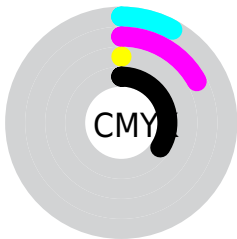
Distribution



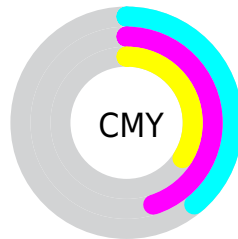
- Red (61%)
- Green (55%)
- Blue (66%)



- Red (61%)
- Yellow (55%)
- Blue (66%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (34%)



- Cyan (39%)
- Magenta (45%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the RYB color 155, 139, 168 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 155, 139, 168 by changing the saturation by 10% instead.

 155, 139, 168

255, 255, 255

 210, 193, 223

 238, 220, 252

 255, 249, 255

 155, 139, 168


 129, 114, 142

 104, 89, 116

 79, 66, 91


 56, 43, 68


 34, 23, 45

 15, 0, 25

 0, 0, 0

 155, 139, 168

 147, 122, 168

 155, 139, 168

 163, 156, 168

140, 105, 168

168, 173, 171

132, 89, 168

168, 189, 179

125, 72, 168

168, 206, 189

117, 55, 168

168, 223, 198

110, 38, 168

168, 240, 208

102, 21, 168

168, 255, 215

95, 5, 168

168, 255, 208

93, 0, 168

168, 255, 200

Harmonies

Analogous

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



135, 142, 175



155, 139, 168



170, 135, 155

Triad

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



155, 139, 168



163, 165, 116



105, 131, 154

Complementary

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



155, 139, 168



139, 168, 155

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.



116, 140, 153



155, 139, 168



121, 151, 115

Square

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



155, 139, 168



175, 139, 125



122, 150, 139



104, 131, 165

Rectangle

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



155, 139, 168



175, 134, 145



122, 150, 139



108, 133, 154

Sweetspot

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



155, 139, 168



214, 208, 219



139, 148, 168



107, 103, 110



237, 237, 237



110, 110, 110

Same Dimension

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



155, 139, 168



199, 173, 219



168, 139, 167



80, 76, 84



82, 0, 148



11, 0, 20

Inverse Universe

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



168, 139, 152



219, 173, 194



139, 167, 168



84, 76, 80



148, 0, 66



20, 0, 9

Previews

White Background



This preview shows how the RYB color 155, 139, 168 looks on a white background.

Color Contrast Check

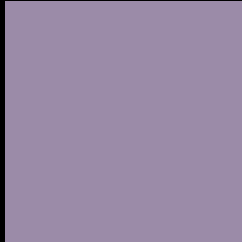
Large Text (above 18pt) WCAG AA ✓ Pass

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 155, 139, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

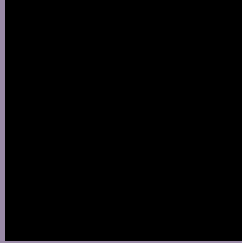
Any Text WCAG AA ✓ Pass

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 155, 139, 168 Background



This preview shows how black text looks on a background with the RYB color 155, 139, 168.



This preview shows how white text looks on a background with the RYB color 155, 139, 168.

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
155, 139, 168

Protanopia
139, 143, 171

Deuteranopia
148, 141, 168



Tritanopia
153, 142, 153

Trichromacy



Original Color
155, 139, 168

Protanomaly
145, 142, 170

Deuteranomaly
151, 140, 168

Tritanomaly
154, 141, 158

Monochromacy



Original Color
155, 139, 168

Achromatopsia
147, 147, 147

Achromatomaly
150, 144, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 139, 168 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(155, 139, 168) looks like.

```
.text, #text, p{  
    color:rgb(155, 139, 168)  
}
```

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(155, 139, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 139, 168) }
```

Border

The CSS property to change the border of an element to RYB 155, 139, 168 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(155, 139, 168) }
```

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

```
.border{ border-color:rgb(155, 139, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 139, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 139, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 139, 168); box-shadow:4px 4px 4px 4px rgb(155, 139, 168) }
```

Background

The CSS property to change the background color of an element to RYB 155, 139, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 139, 168) }
```

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

```
.background{ background-color: rgb(155,  
139, 168) }
```

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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