

Converting Colors

`RYB(139, 138, 199)`

Have a look what the booklet for RYB(139, 138, 199) contains.

RYB(139, 138, 199)	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(139, 138, 199)

Conversions

Conversions Part 1

Format	Color
Hex	8B8AC7
RGB	139, 138, 199
RGB Percent	55%, 54%, 78%
CMY	0.4549, 0.4588, 0.2196
CMYK	0.30, 0.31, 0.00, 0.22
HSL	241°, 35%, 66%
HSV	241°, 31%, 78%
XYZ	30.0447, 27.7894, 57.8132
YIQ	145.2530, -18.9850, 19.1830

Conversions

Conversions Part 2

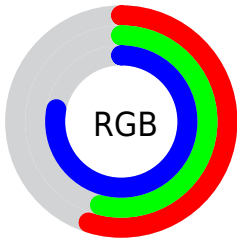
Format	Color
R_{YB}	139, 138, 199
Decimal	9145031
CIE _{Lab}	59.70, 14.32, -31.44
CIE _{LCh}	60, 34.544, 294.485
Yxy	27.7894, 0.2598, 0.2403
Android (android.graphics.Color)	4287335111 (0xFF8B8AC7)
YUV	145.2530, 26.4973, -5.4839
Hunter-Lab	52.7157, 9.4817, -28.1222

Details

The RYB color **139, 138, 199** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **138, 199, 139**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **194, 191, 255**, and **87, 88, 145** is the 20% darker color. If you saturate the color by 10%, you get **119, 118, 199**, and if you desaturate by 10%, it is **159, 158, 199**.

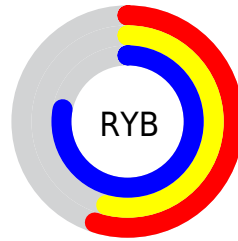
Distribution



Red (55%)

Green (54%)

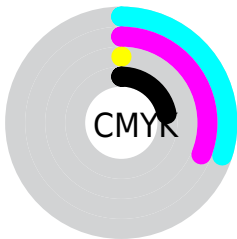
Blue (78%)



Red (55%)

Yellow (54%)

Blue (78%)

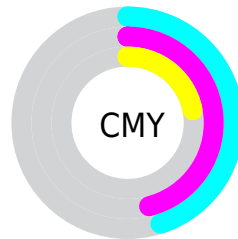


Cyan (30%)

Magenta (31%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (46%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the RYB color 139, 138, 199 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 139, 138, 199 by changing the saturation by 10% instead.

 139, 138, 199

255, 255, 255

 194, 191, 255

 222, 219, 255

 251, 248, 255

 139, 138, 199

 113, 113, 172

 87, 88, 145

 62, 65, 119

 36, 42, 94

 7, 20, 70

 0, 0, 47

 0, 1, 26

 0, 0, 0

 139, 138, 199

 139, 138, 199

■ 119, 118, 199

■ 159, 158, 199

■ 100, 98, 199

■ 178, 178, 199

■ 80, 78, 199

■ 198, 198, 199

■ 61, 58, 199

■ 199, 218, 200

■ 41, 38, 199

■ 199, 238, 200

■ 22, 19, 199

■ 199, 255, 199

■ 3, 0, 199

Harmonies

Analogous

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



88, 128, 204



139, 138, 199



177, 127, 179

Triad

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



139, 138, 199



191, 148, 95



61, 117, 160

Complementary

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



139, 138, 199



138, 199, 139

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.



103, 152, 156



139, 138, 199



127, 169, 83

Square

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



139, 138, 199



203, 121, 120



87, 150, 99



0, 82, 168

Rectangle

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



139, 138, 199



193, 122, 161



87, 150, 99



76, 127, 159

Sweetspot

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



139, 138, 199



232, 232, 255



138, 169, 199



114, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 138, 199



162, 161, 255



169, 138, 199



90, 90, 99



3, 0, 163



1, 0, 36

Inverse Universe

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



199, 138, 198



255, 161, 253



138, 199, 168



99, 90, 99



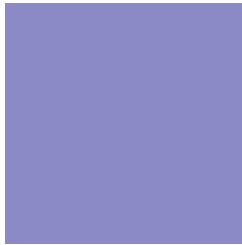
163, 0, 161



36, 0, 35

Previews

White Background



This preview shows how the RYB color 139, 138, 199 looks on a white background.

Color Contrast Check

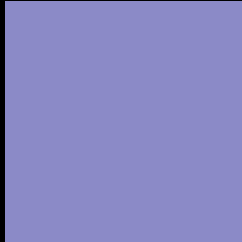
Large Text (above 18pt) WCAG AA ✓ Pass

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 139, 138, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

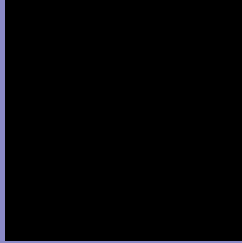
Any Text WCAG AA ✓ Pass

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 139, 138, 199 Background



This preview shows how black text looks on a background with the RYB color 139, 138, 199.



This preview shows how white text looks on a background with the RYB color 139, 138, 199.

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](#).

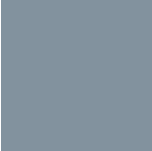
Dichromacy



Original Color
139, 138, 199

Protanopia
125, 139, 202

Deuteranopia
126, 139, 198



Tritanopia
130, 140, 158

Trichromacy



Original Color
139, 138, 199

Protanomaly
130, 140, 201

Deuteranomaly
131, 140, 198

Tritanomaly
133, 141, 173

Monochromacy



Original Color
139, 138, 199

Achromatopsia
145, 145, 145

Achromatomaly
143, 142, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 138, 199 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(139, 138, 199)` looks like.

```
.text, #text, p{  
    color:rgb(139, 138, 199)  
}
```

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(139, 138, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 138, 199) }
```

Border

The CSS property to change the border of an element to RYB 139, 138, 199 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(139, 138, 199) }
```

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

```
.border{ border-color:rgb(139, 138, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 138, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 138, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 138, 199);  
box-shadow:4px 4px 4px 4px rgb(139, 138,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 139, 138, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 138, 199) }
```

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

```
.background{ background-color: rgb(139,  
138, 199) }
```

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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