

Converting Colors

`RYB(133, 119, 139)`

Have a look what the booklet for
RYB(133, 119, 139) contains.

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Color

R_YB(133, 119, 139)

Conversions

Conversions Part 1

Format	Color
Hex	85778B
RGB	133, 119, 139
RGB Percent	52%, 47%, 55%
CMY	0.4784, 0.5333, 0.4549
CMYK	0.04, 0.14, 0.00, 0.45
HSL	282°, 8%, 51%
HSV	282°, 14%, 55%
XYZ	20.9299, 20.0443, 27.1919
YIQ	125.4660, 1.9240, 9.1880

Conversions

Conversions Part 2

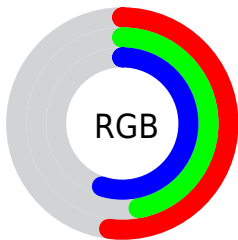
Format	Color
R_{YB}	133, 119, 139
Decimal	8746891
CIE _{Lab}	51.89, 9.32, -8.90
CIE _{LCh}	52, 12.885, 316.310
Y _{xy}	20.0443, 0.3070, 0.2941
Android (android.graphics.Color)	4286936971 (0xFF85778B)
YUV	125.4660, 6.6723, 6.6073
Hunter-Lab	44.7708, 5.0979, -4.6706

Details

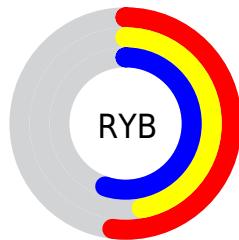
The RYB color **133, 119, 139** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **119, 139, 133**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **186, 171, 192**, and **83, 71, 89** is the 20% darker color. If you saturate the color by 10%, you get **129, 105, 139**, and if you desaturate by 10%, it is **137, 133, 139**.

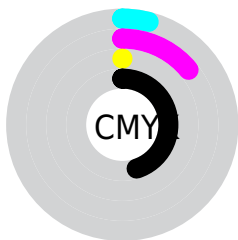
Distribution



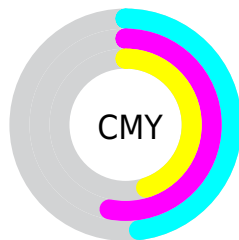
- Red (52%)
- Green (47%)
- Blue (55%)



- Red (52%)
- Yellow (47%)
- Blue (55%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (48%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 133, 119, 139 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 133, 119, 139 by changing the saturation by 10% instead.

■ 133, 119, 139

255, 255, 255

■ 186, 171, 192

■ 214, 199, 220

■ 242, 227, 249

■ 133, 119, 139

■ 108, 94, 114

■ 83, 71, 89

■ 60, 48, 66

■ 38, 27, 44

■ 19, 0, 23

■ 0, 0, 0

■ 133, 119, 139

■ 129, 105, 139

■ 125, 91, 139

■ 133, 119, 139

■ 137, 133, 139

■ 139, 147, 145

120, 77, 139

139, 161, 154

116, 63, 139

139, 175, 164

112, 49, 139

139, 188, 173

108, 36, 139

139, 202, 183

104, 22, 139

139, 216, 193

100, 8, 139

139, 230, 203

97, 0, 139

139, 244, 212

Harmonies

Analogous

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



119, 122, 145



133, 119, 139



143, 117, 129

Triad

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



133, 119, 139



133, 137, 103



95, 113, 130

Complementary

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



133, 119, 139



119, 139, 133

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.



102, 120, 130



133, 119, 139



104, 126, 103

Square

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



133, 119, 139



145, 122, 108



108, 128, 123



96, 115, 139

Rectangle

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



133, 119, 139



146, 116, 122



108, 128, 123



97, 115, 130

Sweetspot

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



133, 119, 139



179, 174, 181



119, 124, 139



90, 87, 92



219, 219, 219



92, 92, 92

Same Dimension

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



133, 119, 139



172, 150, 181



139, 119, 135



67, 62, 69



93, 0, 133



4, 0, 5

Inverse Universe

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



139, 119, 125



181, 150, 160



119, 136, 139



69, 62, 64



133, 0, 40



5, 0, 2

Previews

White Background



This preview shows how the RYB color 133, 119, 139 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 133, 119, 139 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](#).

RYP 133, 119, 139 Background



This preview shows how black text looks on a background with the RYP color 133, 119, 139.



This preview shows how white text looks on a background with the RYP color 133, 119, 139.

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

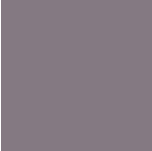
133, 119, 139

Protanopia

121, 123, 141

Deuteranopia

129, 120, 139



Tritanopia
132, 121, 130

Trichromacy



Original Color

133, 119, 139

Protanomaly

125, 122, 140

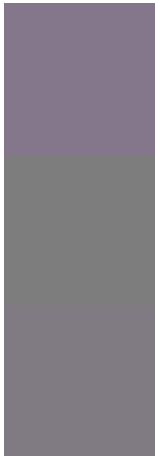
Deuteranomaly

130, 120, 139

Tritanomaly

132, 120, 133

Monochromacy



Original Color

133, 119, 139

Achromatopsia

125, 125, 125

Achromatomaly

128, 123, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 133, 119, 139 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(133, 119, 139) looks like.

```
.text, #text, p{  
    color:rgb(133, 119, 139)  
}
```

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(133, 119, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 119, 139) }
```

Border

The CSS property to change the border of an element to RYB 133, 119, 139 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(133, 119, 139) }
```

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

```
.border{ border-color:rgb(133, 119, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 119, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 119, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 119, 139);  
box-shadow:4px 4px 4px 4px rgb(133, 119,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 133, 119, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 119, 139) }
```

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

```
.background{ background-color: rgb(133,  
119, 139) }
```

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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