

Converting Colors

`RYB(119, 89, 134)`

Have a look what the booklet for
RYB(119, 89, 134) contains.

RYB(119, 89, 134)	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(119, 89, 134)

Conversions

Conversions Part 1

Format	Color
Hex	775986
RGB	119, 89, 134
RGB Percent	47%, 35%, 53%
CMY	0.5333, 0.6510, 0.4745
CMYK	0.11, 0.34, 0.00, 0.47
HSL	280°, 20%, 44%
HSV	280°, 34%, 53%
XYZ	15.4832, 12.7879, 24.2065
YIQ	103.1000, 3.4350, 20.3550

Conversions

Conversions Part 2

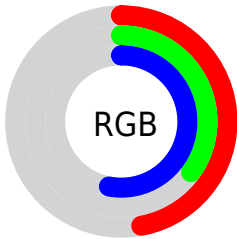
Format	Color
RYB	119, 89, 134
Decimal	7821702
CIELab	42.44, 21.17, -20.40
CIELCh	42, 29.395, 316.062
Yxy	12.7879, 0.2950, 0.2437
Android (android.graphics.Color)	4286011782 (0xFF775986)
YUV	103.1000, 15.2337, 13.9443
Hunter-Lab	35.7602, 14.7053, -15.1020

Details

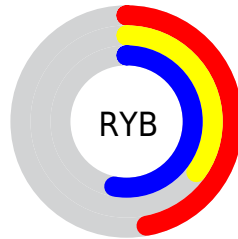
The RYB color **119, 89, 134** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **89, 134, 119**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **172, 139, 187**, and **70, 43, 84** is the 20% darker color. If you saturate the color by 10%, you get **115, 76, 134**, and if you desaturate by 10%, it is **123, 102, 134**.

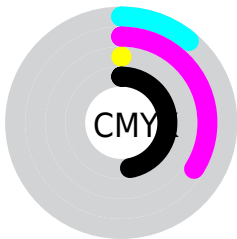
Distribution



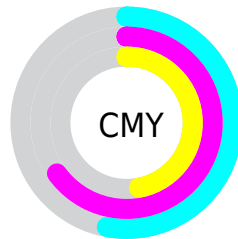
- Red (47%)
- Green (35%)
- Blue (53%)



- Red (47%)
- Yellow (35%)
- Blue (53%)



- Cyan (11%)
- Magenta (34%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 89, 134 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 119, 89, 134 by changing the saturation by 10% instead.



119, 89, 134



119, 89, 134

255, 255, 255



94, 65, 109



172, 139, 187



70, 43, 84



199, 166, 215



46, 21, 61



228, 193, 244



27, 0, 39



255, 221, 255



0, 1, 17



255, 250, 255



0, 0, 0



119, 89, 134



119, 89, 134



115, 76, 134



123, 102, 134



110, 62, 134



128, 116, 134

106, 49, 134

132, 129, 134

101, 35, 134

134, 143, 140

97, 22, 134

134, 156, 149

92, 9, 134

134, 169, 157

89, 0, 134

134, 183, 167

134, 196, 175

134, 210, 185

Harmonies

Analogous

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



85, 96, 147



119, 89, 134



140, 82, 113

Triad

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



119, 89, 134



104, 125, 53



0, 57, 113

Complementary

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



119, 89, 134



89, 134, 119

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.



41, 84, 112



119, 89, 134



52, 103, 52

Square

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



119, 89, 134



141, 93, 66



66, 109, 100



0, 61, 134

Rectangle

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



119, 89, 134



146, 81, 96



66, 109, 100



0, 59, 113

Sweetspot

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



119, 89, 134



168, 156, 173



89, 100, 134



83, 76, 87



214, 214, 214



87, 87, 87

Same Dimension

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



119, 89, 134



150, 104, 173



134, 89, 126



64, 60, 66



87, 0, 130



2, 0, 3

Inverse Universe

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



134, 89, 104



173, 104, 127



89, 127, 134



66, 60, 62



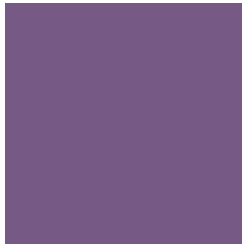
130, 0, 43



3, 0, 1

Previews

White Background



This preview shows how the RYB color 119, 89, 134 looks on a white 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

Black Background



This preview shows how the RYB color 119, 89, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

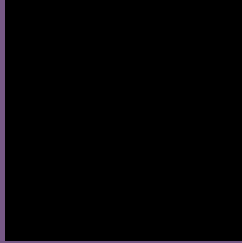
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 119, 89, 134 Background



This preview shows how black text looks on a background with the RYB color 119, 89, 134.



This preview shows how white text looks on a background with the RYB color 119, 89, 134.

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
119, 89, 134

Protanopia
87, 97, 142

Deuteranopia
93, 98, 132



Tritanopia
114, 95, 103

Trichromacy



Original Color

119, 89, 134

Protanomaly

99, 95, 139

Deuteranomaly

102, 95, 133

Tritanomaly

116, 93, 114

Monochromacy



Original Color

119, 89, 134

Achromatopsia

103, 103, 103

Achromatomaly

109, 98, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 89, 134 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(119, 89, 134)` looks like.

```
.text, #text, p{  
    color:rgb(119, 89, 134)  
}
```

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(119, 89, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 89, 134) }
```

Border

The CSS property to change the border of an element to RYB 119, 89, 134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

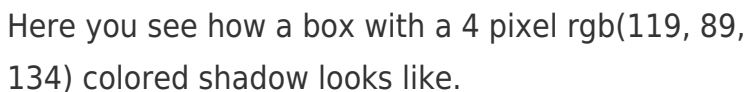
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 89, 134) }
```

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

```
.border{ border-color:rgb(119, 89, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 89, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 89, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 89, 134); box-shadow:4px 4px 4px 4px rgb(119, 89, 134) }
```

Background

The CSS property to change the background color of an element to RYB 119, 89, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 89, 134) }
```

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

```
.background{ background-color: rgb(119, 89,  
134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor