

Converting Colors

`RYB(139, 107, 153)`

Have a look what the booklet for
RYB(139, 107, 153) contains.

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Color

R_YB(139, 107, 153)

Conversions

Conversions Part 1

Format	Color
Hex	8B6B99
RGB	139, 107, 153
RGB Percent	55%, 42%, 60%
CMY	0.4549, 0.5804, 0.4000
CMYK	0.09, 0.30, 0.00, 0.40
HSL	282°, 18%, 51%
HSV	282°, 30%, 60%
XYZ	21.6549, 18.3043, 32.5287
YIQ	121.8120, 4.3060, 21.0900

Conversions

Conversions Part 2

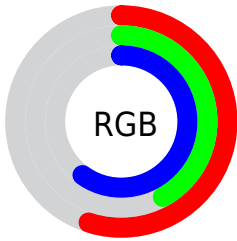
Format	Color
R _Y B	139, 107, 153
Decimal	9137049
CIE Lab	49.86, 21.49, -20.14
CIE LCh	50, 29.454, 316.851
Yxy	18.3043, 0.2987, 0.2525
Android (android.graphics.Color)	4287327129 (0xFF8B6B99)
YUV	121.8120, 15.3757, 15.0739
Hunter-Lab	42.7835, 15.4769, -15.1304

Details

The RYB color **139, 107, 153** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **107, 153, 139**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **193, 159, 207**, and **88, 59, 102** is the 20% darker color. If you saturate the color by 10%, you get **134, 92, 153**, and if you desaturate by 10%, it is **144, 122, 153**.

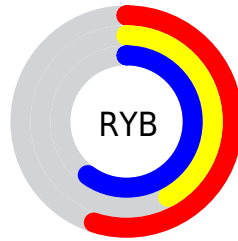
Distribution



Red (55%)

Green (42%)

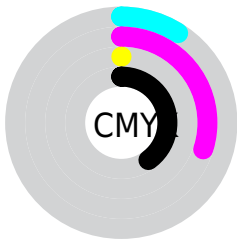
Blue (60%)



Red (55%)

Yellow (42%)

Blue (60%)

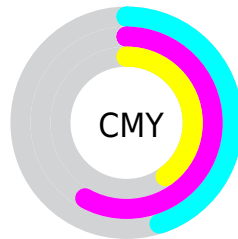


Cyan (9%)

Magenta (30%)

Yellow (0%)

Black (40%)



Cyan (45%)

Magenta (58%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the RYB color 139, 107, 153 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, 107, 153 by changing the saturation by 10% instead.

 139, 107, 153

255, 255, 255

 193, 159, 207

 221, 186, 236

 250, 214, 255


 255, 242, 255

 139, 107, 153

 113, 83, 127

 88, 59, 102

 64, 37, 78

 41, 16, 55

 24, 0, 34


 0, 0, 6


 0, 0, 0

 139, 107, 153


 134, 92, 153


 139, 107, 153


 144, 122, 153

 130, 76, 153

 148, 138, 153

 125, 61, 153


 153, 153, 153

 120, 46, 153

 153, 168, 163

 116, 30, 153

 153, 184, 175

 111, 15, 153

 153, 199, 185

 106, 0, 153

 153, 214, 195

 153, 229, 206

 153, 245, 217

Harmonies

Analogous

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



105, 114, 166



139, 107, 153



160, 100, 131

Triad

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



139, 107, 153



126, 145, 70



20, 76, 132

Complementary

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



139, 107, 153



107, 153, 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.



60, 103, 131



139, 107, 153



70, 122, 71

Square

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



139, 107, 153



161, 114, 83



84, 128, 119



12, 76, 154

Rectangle

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



139, 107, 153



167, 99, 114



84, 128, 119



35, 86, 132

Sweetspot

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



139, 107, 153



193, 181, 199



107, 118, 153



96, 89, 99



227, 227, 227



99, 99, 99

Same Dimension

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



139, 107, 153



177, 127, 199



153, 107, 145



74, 69, 77



98, 0, 140



9, 0, 13

Inverse Universe

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



153, 107, 121



199, 127, 149



107, 146, 153



77, 69, 71



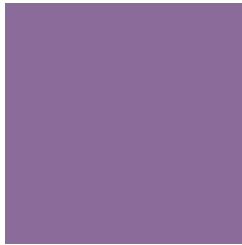
140, 0, 43



13, 0, 4

Previews

White Background



This preview shows how the RYB color 139, 107, 153 looks on a white background.

Color Contrast Check

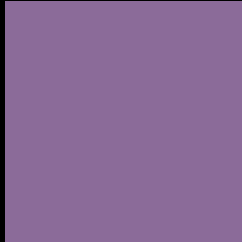
Large Text (above 18pt) WCAG AA ✓ Pass

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 139, 107, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

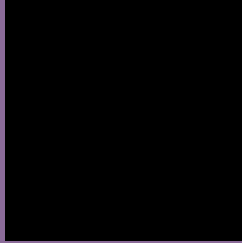
Any Text WCAG AA ✓ Pass

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, 107, 153 Background



This preview shows how black text looks on a background with the RYB color 139, 107, 153.

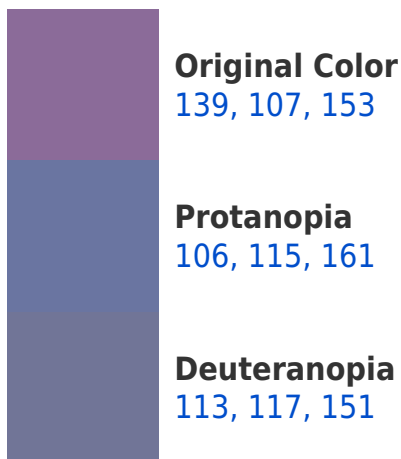



This preview shows how white text looks on a background with the RYB color 139, 107, 153.

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





Tritanopia
134, 113, 122

Trichromacy



Original Color
139, 107, 153

Protanomaly
118, 113, 158

Deuteranomaly
122, 113, 152

Tritanomaly
136, 111, 133

Monochromacy



Original Color
139, 107, 153

Achromatopsia
122, 122, 122

Achromatomaly
128, 117, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 107, 153 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, 107, 153)` looks like.

```
.text, #text, p{  
    color:rgb(139, 107, 153)  
}
```

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, 107, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 107, 153) }
```

Border

The CSS property to change the border of an element to RYB 139, 107, 153 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, 107, 153) }
```

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

```
.border{ border-color:rgb(139, 107, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 107, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 107, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 107, 153);  
box-shadow:4px 4px 4px 4px rgb(139, 107,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 139, 107, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 107, 153) }
```

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

```
.background{ background-color: rgb(139,  
107, 153) }
```

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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