

Converting Colors

RGB(133, 107, 153)

Have a look what the booklet for
RGB(133, 107, 153) contains.

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Color

RGB(133, 107, 153)

Conversions

Conversions Part 1

Format	Color
Hex	856B99
RGB	133, 107, 153
RGB Percent	52%, 42%, 60%
CMY	0.4784, 0.5804, 0.4000
CMYK	0.13, 0.30, 0.00, 0.40
HSL	274°, 18%, 51%
HSV	274°, 30%, 60%
XYZ	20.6803, 17.8018, 32.4831
YIQ	120.0180, 0.7300, 19.8180

Conversions

Conversions Part 2

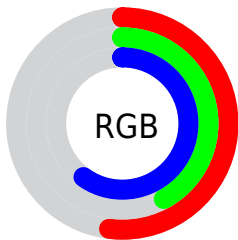
Format	Color
R_{YB}	133, 107, 153
Decimal	8743833
CIE _{Lab}	49.25, 19.46, -21.13
CIE _{LCh}	49, 28.724, 312.643
Yxy	17.8018, 0.2914, 0.2509
Android (android.graphics.Color)	4286933913 (0xFF856B99)
YUV	120.0180, 16.2601, 11.3852
Hunter-Lab	42.1922, 13.6546, -16.1119

Details

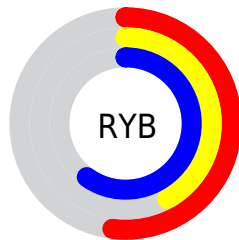
The RGB color **133, 107, 153** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **127, 153, 107**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **187, 159, 207**, and **83, 59, 102** is the 20% darker color. If you saturate the color by 10%, you get **126, 92, 153**, and if you desaturate by 10%, it is **140, 122, 153**.

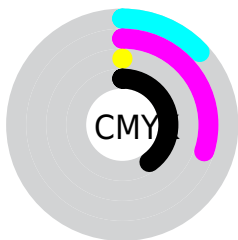
Distribution



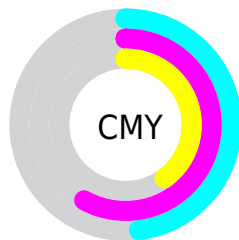
- Red (52%)
- Green (42%)
- Blue (60%)



- Red (52%)
- Yellow (42%)
- Blue (60%)



- Cyan (13%)
- Magenta (30%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (58%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the RGB color 133, 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 RGB color 133, 107, 153 by changing the saturation by 10% instead.

 133, 107, 153

255, 255, 255

 187, 159, 207

 215, 186, 236

 243, 213, 255


 255, 242, 255

 133, 107, 153

 107, 83, 127

 83, 59, 102

 59, 37, 78

 36, 16, 55

 17, 0, 33

 0, 0, 6

 0, 0, 0

 133, 107, 153

 126, 92, 153

 133, 107, 153

 140, 122, 153

■ 120, 76, 153

■ 146, 138, 153

■ 113, 61, 153

■ 153, 153, 153

■ 106, 46, 153

■ 160, 168, 153

■ 100, 30, 153

■ 166, 184, 153

■ 93, 15, 153

■ 173, 199, 153

■ 86, 0, 153

■ 180, 214, 153

■ 186, 229, 153

■ 193, 245, 153

Harmonies

Analogous

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



99, 116, 164



133, 107, 153



156, 100, 132

Triad

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



133, 107, 153



145, 111, 71



30, 130, 127

Complementary

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



133, 107, 153



127, 153, 107

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.



65, 129, 102



133, 107, 153



123, 119, 69

Square

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



133, 107, 153



160, 103, 85



96, 125, 80



13, 128, 149

Rectangle

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



133, 107, 153



163, 98, 116



96, 125, 80



42, 130, 118

Sweetspot

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



133, 107, 153



191, 181, 199



107, 128, 153



95, 89, 99



227, 227, 227



99, 99, 99

Same Dimension

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



133, 107, 153



168, 127, 199



153, 107, 151



73, 69, 77



79, 0, 140



7, 0, 13

Inverse Universe

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



153, 107, 127



199, 127, 158



107, 153, 109



77, 69, 72



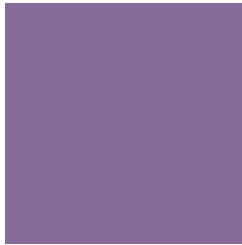
140, 0, 61



13, 0, 6

Previews

White Background



This preview shows how the RGB color 133, 107, 153 looks on a white background.

Color Contrast Check

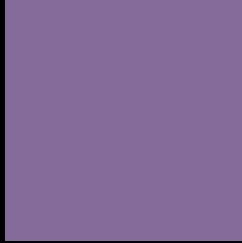
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 133, 107, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

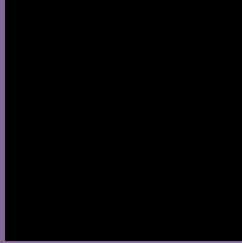
Any Text WCAG AA ✓ Pass

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](#).

RGB 133, 107, 153 Background



This preview shows how black text looks on a background with the RGB color 133, 107, 153.



This preview shows how white text looks on a background with the RGB color 133, 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



Original Color


133, 107, 153

Protanopia

104, 116, 160

Deuteranopia

110, 115, 151



Tritanopia
128, 113, 122

Trichromacy



Original Color
133, 107, 153

Protanomaly
115, 113, 157

Deuteranomaly
118, 112, 152

Tritanomaly
130, 111, 133

Monochromacy



Original Color
133, 107, 153

Achromatopsia
120, 120, 120

Achromatomaly
125, 115, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 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(133, 107, 153)` looks like.

```
.text, #text, p{  
    color:rgb(133, 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(133, 107, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 107, 153) }
```

Border

The CSS property to change the border of an element to RGB 133, 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(133, 107, 153) }
```

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

```
.border{ border-color:rgb(133, 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(133, 107, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 107, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 107, 153);  
box-shadow:4px 4px 4px 4px rgb(133, 107,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 133, 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(133, 107, 153) }
```

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

```
.background{ background-color: rgb(133,  
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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