

Converting Colors

YUV(107.8100, 39.0407,
78.2196)

Have a look what the booklet for
YUV(107.8100, 39.0407, 78.2196)
contains.

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Color

**YUV(107.8100, 39.0407,
78.2196)**

Conversions

Conversions Part 1

Format	Color
Hex	C52FBB
RGB	197, 47, 187
RGB Percent	77%, 18%, 73%
CMY	0.2275, 0.8157, 0.2667
CMYK	0.00, 0.76, 0.05, 0.23
HSL	304°, 61%, 48%
HSV	304°, 76%, 77%
XYZ	33.0121, 17.4912, 48.6499
YIQ	107.8100, 44.4600, 75.3400

Conversions

Conversions Part 2

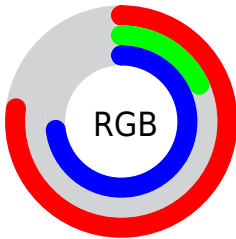
Format	Color
R_{YB}	197, 47, 187
Decimal	12922811
CIE Lab	48.87, 71.84, -41.05
CIE LCh	49, 82.740, 330.257
Yxy	17.4912, 0.3329, 0.1764
Android (android.graphics.Color)	4291112891 (0xFFC52FBB)
YUV	107.8100, 39.0407, 78.2196
Hunter-Lab	41.8225, 67.7076, -39.6932

Details

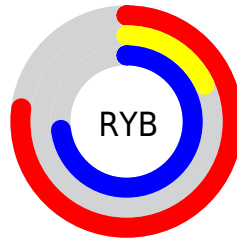
The YUV color **107.8100, 39.0407, 78.2196** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **136.1900, -39.0407, -78.2196**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0440, 37.4463, 76.2604**, and **56.7230, 37.6046, 72.1569** is the 20% darker color. If you saturate the color by 10%, you get **95.9560, 44.3917, 88.6156**, and if you desaturate by 10%, it is **119.6640, 33.6896, 67.8237**.

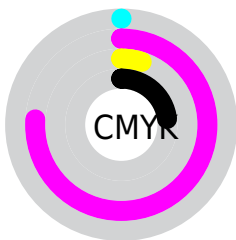
Distribution



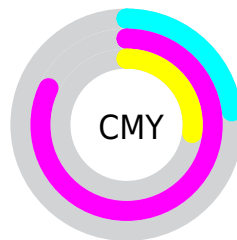
- Red (77%)
- Green (18%)
- Blue (73%)



- Red (77%)
- Yellow (18%)
- Blue (73%)



- Cyan (0%)
- Magenta (76%)
- Yellow (5%)
- Black (23%)



- Cyan (23%)
- Magenta (82%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.8100, 39.0407, 78.2196 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 YUV color 107.8100, 39.0407, 78.2196 by changing the saturation by 10% instead.

107.8100, 39.0407,
78.2196

107.8100, 39.0407,
78.2196

255.0000, 0.0000,
0.0000

68.4720, 45.1233,
87.2861

168.0440, 37.4463,
76.2604

56.7230, 37.6046,
72.1569

186.3210, 33.8587,
60.2315

45.3870, 30.3752,
57.5426

203.3440, 25.4664,
45.3023

34.2790, 24.0195,
42.7283

220.9540, 16.7847,
29.8583

24.0680, 17.2215,
29.7584

237.9770, 8.3923,
14.9292

12.1770, 11.7447,
12.9998

1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 107.8100, 39.0407,
78.2196

■ 107.8100, 39.0407,
78.2196

■ 95.9560, 44.3917,
88.6156

■ 119.6640, 33.6896,
67.8237

■ 84.5750, 49.0165,
98.5967

■ 131.0450, 29.0648,
57.8425

■ 79.8790, 51.3317,
102.7151

■ 142.8990, 23.7138,
47.4466

■ 154.7530, 18.3628,
37.0506

■ 166.7210, 13.4485,
26.5547

■ 177.9880, 8.3869,
16.6735

■ 189.8420, 3.0359,
6.2776

■ 201.8100, -1.8783,
-4.2184

■ 213.0770, -6.9400,
-14.0995

Harmonies

Analogous

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



114.3840, 61.4357, -11.7378



107.8100, 39.0407, 78.2196



82.9340, 17.7805, 130.7309

Triad

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



107.8100, 39.0407, 78.2196



109.0770, -53.7750, 27.9965



106.3190, 39.2827, -93.2418

Complementary

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



107.8100, 39.0407, 78.2196



136.1900, -39.0407, -78.2196

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.



97.6380, 8.5595, -85.6285



107.8100, 39.0407, 78.2196



97.8160, -48.2233, -26.1486

Square

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



107.8100, 39.0407, 78.2196



106.7270, -52.6164, 76.5384



86.5120, -23.9164, -75.8710



109.4260, 63.8800, -95.9666

Rectangle

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



107.8100, 39.0407, 78.2196



77.9890, -2.4596, 135.9446



86.5120, -23.9164, -75.8710



103.6970, 29.2364, -90.9423

Sweetspot

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



107.8100, 39.0407, 78.2196



219.9110, 15.3269, 30.7731



67.0900, 64.0456, -8.8489



106.5260, 9.1077, 18.8327



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



107.8100, 39.0407, 78.2196



117.1060, 60.5867, 120.9330



99.2600, 6.2808, 85.7180



93.7170, 2.6045, 4.6332



66.0650, 42.3660, 85.0120



14.5260, 9.1077, 18.8327

Inverse Universe

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



107.8100, 39.0407, 78.2196



117.1060, 60.5867, 120.9330



144.7400, -6.2808, -85.7180



93.7170, 2.6045, 4.6332



66.0650, 42.3660, 85.0120



14.5260, 9.1077, 18.8327

Previews

White Background



This preview shows how the YUV color 107.8100, 39.0407, 78.2196 looks on a white background.

Color Contrast Check

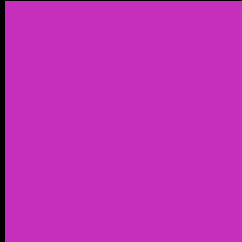
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 107.8100, 39.0407, 78.2196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

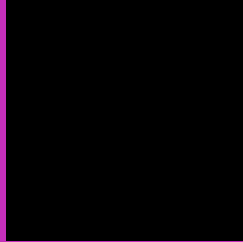
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 107.8100, 39.0407, 78.2196

Background



This preview shows how black text looks on a background with the YUV color 107.8100, 39.0407, 78.2196.



This preview shows how white text looks on a background with the YUV color 107.8100, 39.0407,

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

107.8100, 39.0407, 78.2196

Deuteranopia

114.5820, 30.7721, -23.3124

Tritanopia

114.7800, -12.7095, 63.3369

Trichromacy



Original Color

107.8100, 39.0407, 78.2196

Deuteranomaly

112.3230, 33.8578, 13.7487

Tritanomaly

112.4490, 6.1876, 68.8892

Monochromacy



Original Color

107.8100, 39.0407, 78.2196

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.9600, 14.3167, 28.0991

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.8100, 39.0407, 78.2196 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(197, 47, 187)` looks like.

```
.text, #text, p{  
    color:rgb(197, 47, 187)  
}
```

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(197, 47, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 47, 187) }
```

Border

The CSS property to change the border of an element to YUV 107.8100, 39.0407, 78.2196 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(197, 47, 187) }
```

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

```
.border{ border-color:rgb(197, 47, 187) }
```

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

Here you see how a box with a 4 pixel rgb(197, 47, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 47, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 47, 187);  
box-shadow:4px 4px 4px 4px rgb(197, 47,  
187) }
```


Background

The CSS property to change the background color of an element to YUV 107.8100, 39.0407, 78.2196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 47, 187) }
```

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

```
.background{ background-color: rgb(197, 47,  
187) }
```

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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