

Converting Colors

YUV(100.5110, 39.1881,
77.6049)

Have a look what the booklet for
YUV(100.5110, 39.1881, 77.6049)
contains.

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Color

**YUV(100.5110, 39.1881,
77.6049)**

Conversions

Conversions Part 1

Format	Color
Hex	BD28B4
RGB	189, 40, 180
RGB Percent	74%, 16%, 71%
CMY	0.2588, 0.8431, 0.2941
CMYK	0.00, 0.79, 0.05, 0.26
HSL	304°, 65%, 45%
HSV	304°, 79%, 74%
XYZ	29.9833, 15.6317, 44.6169
YIQ	100.5110, 43.8640, 75.1280

Conversions

Conversions Part 2

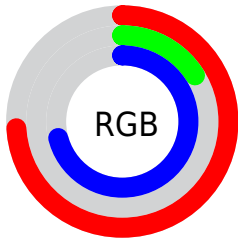
Format	Color
R_{YB}	189, 40, 180
Decimal	12396724
CIE _{Lab}	46.49, 71.03, -40.81
CIE _{LCh}	46, 81.918, 330.117
Yxy	15.6317, 0.3323, 0.1732
Android (android.graphics.Color)	4290586804 (0xFFBD28B4)
YUV	100.5110, 39.1881, 77.6049
Hunter-Lab	39.5369, 66.1779, -39.2322

Details

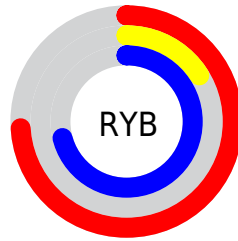
The YUV color **100.5110, 39.1881, 77.6049** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **128.4890, -39.1881, -77.6049**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4030, 36.2833, 75.9456**, and **53.6470, 36.1630, 67.8386** is the 20% darker color. If you saturate the color by 10%, you get **89.2440, 44.2497, 87.4860**, and if you desaturate by 10%, it is **111.7780, 34.1264, 67.7237**.

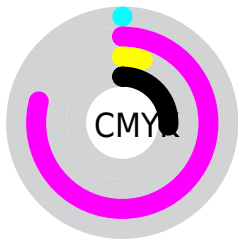
Distribution



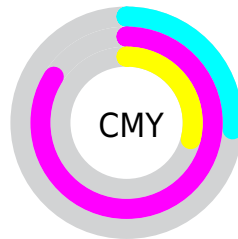
- Red (74%)
- Green (16%)
- Blue (71%)



- Red (74%)
- Yellow (16%)
- Blue (71%)



- Cyan (0%)
- Magenta (79%)
- Yellow (5%)
- Black (26%)





- Cyan (26%)
- Magenta (84%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.5110, 39.1881, 77.6049 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 100.5110, 39.1881, 77.6049 by changing the saturation by 10% instead.


 100.5110, 39.1881,
77.6049


 100.5110, 39.1881,
77.6049


255.0000, 0.0000,
0.0000


 65.2820, 43.2450,
83.0677


 162.4030, 36.2833,
75.9456


 53.6470, 36.1630,
67.8386


 183.3860, 35.3057,
62.8055


 42.3110, 28.9337,
53.2243


 199.8220, 27.2028,
48.3911

 31.3880, 21.9937,
39.1247

 217.4320, 18.5210,
32.9471

 20.9920, 15.7799,
25.4400

 234.4550, 10.1287,
18.0180

 7.4210, 11.6244,
4.8928

 252.0650, 1.4470,

 0.1140, 0.4368,

2.5740

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 100.5110, 39.1881,
77.6049

■ 100.5110, 39.1881,
77.6049

■ 89.2440, 44.2497,
87.4860

■ 111.7780, 34.1264,
67.7237

■ 77.9770, 49.3113,
97.3672

■ 123.0450, 29.0648,
57.8425

■ 76.8030, 49.8901,
98.3968

■ 134.3120, 24.0032,
47.9614

■ 145.6930, 19.3784,
37.9802

■ 156.9600, 14.3167,
28.0991

■ 167.6400, 9.5445,
18.7327

■ 178.9070, 4.4828,
8.8516

■ 190.1740, -0.5788,
-1.0296

■ 201.4410, -5.6404,
-10.9108

Harmonies

Analogous

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



107.5580, 60.8569, -12.7674



100.5110, 39.1881, 77.6049



79.8580, 16.3390, 126.4125

Triad

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



100.5110, 39.1881, 77.6049



103.4620, -51.0068, 26.7818



101.2980, 37.8141, -88.8383

Complementary

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



100.5110, 39.1881, 77.6049



128.4890, -39.1881, -77.6049

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.



92.8450, 7.9644, -81.4251



100.5110, 39.1881, 77.6049



92.2120, -45.4605, -25.6189

Square

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



100.5110, 39.1881, 77.6049



100.8130, -49.7008, 74.7090



82.3060, -24.8009, -72.1824



104.8780, 61.6851, -91.9780

Rectangle

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



100.5110, 39.1881, 77.6049



74.7280, -3.3169, 130.9115



82.3060, -24.8009, -72.1824



98.7900, 28.2045, -86.6388

Sweetspot

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



100.5110, 39.1881, 77.6049



209.9110, 15.3269, 30.7731



59.0790, 64.0511, -10.5933



101.2270, 9.2551, 18.2179



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



100.5110, 39.1881, 77.6049



106.6330, 61.3129, 121.3479



92.1890, 7.3018, 84.9032



88.7170, 2.6045, 4.6332



64.2280, 41.7926, 82.2380



12.5750, 8.0975, 16.1587

Inverse Universe

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



100.5110, 39.1881, 77.6049



106.6330, 61.3129, 121.3479



136.8110, -7.3018, -84.9032



88.7170, 2.6045, 4.6332



64.2280, 41.7926, 82.2380



12.5750, 8.0975, 16.1587

Previews

White Background



This preview shows how the YUV color 100.5110, 39.1881, 77.6049 looks on a white background.

Color Contrast Check

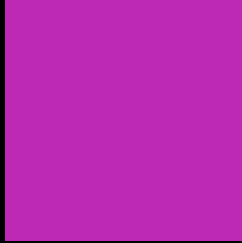
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.5110, 39.1881, 77.6049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

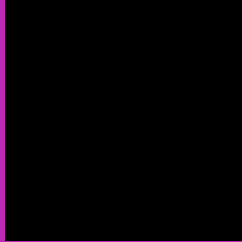
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.5110, 39.1881, 77.6049

Background



This preview shows how black text looks on a background with the YUV color 100.5110, 39.1881, 77.6049.



This preview shows how white text looks on a background with the YUV color 100.5110, 39.1881,

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

100.5110, 39.1881, 77.6049

Protanopia

88.6870, 68.1883, -77.7785

Deuteranopia

109.0550, 30.0459, -23.7272



Tritanopia

108.7690, -12.7041, 61.5926

Trichromacy



Original Color

100.5110, 39.1881, 77.6049



Protanomaly

93.2920, 57.5370, -21.3041



Deuteranomaly

105.9100, 33.5684, 13.2339



Tritanomaly

105.7370, 6.0457, 67.7597

Monochromacy



Original Color

100.5110, 39.1881, 77.6049



Achromatopsia

101.0000, 0.0000, 0.0000



Achromatomaly

100.9600, 14.3167, 28.0991

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5110, 39.1881, 77.6049 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(189, 40, 180)` looks like.

```
.text, #text, p{  
  color:rgb(189, 40, 180)  
}
```

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(189, 40, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 40, 180) }
```

Border

The CSS property to change the border of an element to YUV 100.5110, 39.1881, 77.6049 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(189, 40, 180) }
```


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

```
.border{ border-color:rgb(189, 40, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 40, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 40, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 40, 180);  
box-shadow:4px 4px 4px 4px rgb(189, 40,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 100.5110, 39.1881, 77.6049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 40, 180) }
```

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

```
.background{ background-color: rgb(189, 40,  
180) }
```

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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