

Converting Colors

YUV(101.9980, 47.3290,
79.8088)

Have a look what the booklet for
YUV(101.9980, 47.3290, 79.8088)
contains.

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Color

**YUV(101.9980, 47.3290,
79.8088)**

Conversions

Conversions Part 1

Format	Color
Hex	C125C6
RGB	193, 37, 198
RGB Percent	76%, 15%, 78%
CMY	0.2431, 0.8549, 0.2235
CMYK	0.03, 0.81, 0.00, 0.22
HSL	298°, 69%, 46%
HSV	298°, 81%, 78%
XYZ	32.8469, 16.7378, 54.9256
YIQ	101.9980, 41.2950, 83.1430

Conversions

Conversions Part 2

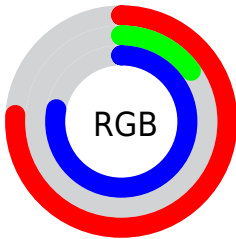
Format	Color
R_{YB}	193, 37, 198
Decimal	12658118
CIE _{Lab}	47.93, 75.33, -48.99
CIE _{LCh}	48, 89.855, 326.962
Yxy	16.7378, 0.3143, 0.1602
Android (android.graphics.Color)	4290848198 (0xFFC125C6)
YUV	101.9980, 47.3290, 79.8088
Hunter-Lab	40.9119, 71.7166, -50.9605

Details

The YUV color **101.9980, 47.3290, 79.8088** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **133.0020, -47.3290, -79.8088**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1780, 44.2822, 77.0199**, and **56.6670, 42.5622, 68.6980** is the 20% darker color. If you saturate the color by 10%, you get **89.9590, 53.2642, 89.4900**, and if you desaturate by 10%, it is **114.0370, 41.3938, 70.1276**.

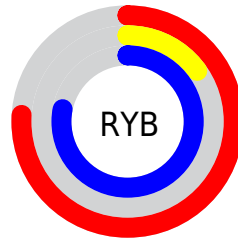
Distribution



Red (76%)

Green (15%)

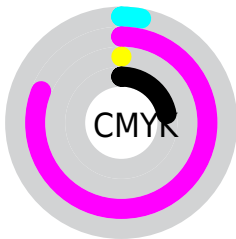
Blue (78%)



Red (76%)

Yellow (15%)

Blue (78%)

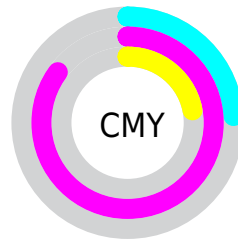


Cyan (3%)

Magenta (81%)

Yellow (0%)

Black (22%)



Cyan (24%)


Magenta (85%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.9980, 47.3290, 79.8088 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 101.9980, 47.3290, 79.8088 by changing the saturation by 10% instead.


 101.9980, 47.3290,
79.8088


 101.9980, 47.3290,
79.8088


255.0000, 0.0000,
0.0000


 68.4160, 50.0809,
83.8272


 165.1780, 44.2822,
77.0199


 56.6670, 42.5622,
68.6980


 183.3860, 35.3057,
62.8055

 45.0320, 35.4802,
53.4689


 200.4090, 26.9134,
47.8763

 33.8100, 28.6877,
38.7546

 217.4320, 18.5210,
32.9471

 23.3000, 22.0371,
25.1699

 235.0420, 9.8393,
17.5032

 10.6970, 16.4184,
7.2817

 252.6520, 1.1576,

 3.0950, 9.3202,

2.0592

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 101.9980, 47.3290,
79.8088

■ 101.9980, 47.3290,
79.8088

■ 89.9590, 53.2642,
89.4900

■ 114.0370, 41.3938,
70.1276

■ 79.9800, 58.1839,
98.2415

■ 125.7770, 35.6059,
59.8316

■ 137.2290, 29.9601,
50.6652

■ 148.9690, 24.1723,
40.3692

■ 161.0080, 18.2371,
30.6880

■ 173.0470, 12.3018,
21.0068

■ 184.7870, 6.5140,
10.7108

■ 196.2390, 0.8682,
1.5444

■ 208.2780, -5.0671,
-8.1368

Harmonies

Analogous

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



105.4010, 72.2733, -34.5547



101.9980, 47.3290, 79.8088



84.8140, 19.8117, 132.5901

Triad

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



101.9980, 47.3290, 79.8088



107.6370, -53.0650, 33.6444



105.1620, 37.3881, -92.2271

Complementary

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



101.9980, 47.3290, 79.8088



133.0020, -47.3290, -79.8088

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.



95.7970, 4.0441, -84.0140



101.9980, 47.3290, 79.8088



96.6530, -47.6499, -23.3747

Square

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



101.9980, 47.3290, 79.8088



101.7760, -50.1756, 87.0194



81.9180, -36.4416, -71.8421



110.3550, 64.9010, -96.7813

Rectangle

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



101.9980, 47.3290, 79.8088



80.0110, -2.4704, 139.4334



81.9180, -36.4416, -71.8421



102.3120, 26.4682, -89.7276

Sweetspot

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



101.9980, 47.3290, 79.8088



218.5950, 17.9477, 30.1732



58.2890, 68.8775, -18.6705



105.6830, 11.0023, 17.8180



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.



101.9980, 47.3290, 79.8088



105.8580, 73.5270, 123.7815



94.9430, 13.8321, 90.3810



93.7170, 2.6045, 4.6332



65.8240, 47.9078, 80.8384



14.5690, 10.5655, 17.9180

Inverse Universe

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



85.7090, -21.5485, 98.4792



80.6620, -33.3574, 152.8944



140.0570, -13.8321, -90.3810



92.6910, -1.3267, 5.5330



49.3070, -21.8434, 99.7088



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 101.9980, 47.3290, 79.8088 looks on a white background.

Color Contrast Check

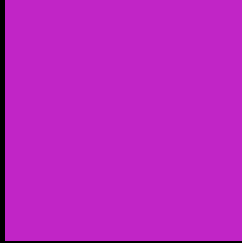
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.9980, 47.3290, 79.8088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

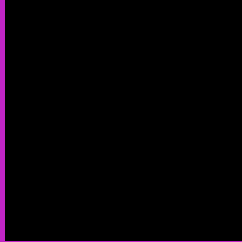
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.9980, 47.3290, 79.8088

Background



This preview shows how black text looks on a background with the YUV color 101.9980, 47.3290, 79.8088.



This preview shows how white text looks on a background with the YUV color 101.9980, 47.3290,

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

101.9980, 47.3290, 79.8088

Protanopia

91.2460, 70.3777, -80.0227

Deuteranopia

109.4540, 38.2302, -35.4782



Tritanopia

112.9860, -11.8251, 59.6483

Trichromacy



Original Color

101.9980, 47.3290, 79.8088



Protanomaly

94.8450, 62.1944, -21.7891



Deuteranomaly

106.9290, 41.4470, 6.2013



Tritanomaly

108.7630, 9.9768, 66.8598

Monochromacy



Original Color

101.9980, 47.3290, 79.8088



Achromatopsia

102.0000, 0.0000, 0.0000



Achromatomaly

101.7690, 17.3689, 29.1436

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.9980, 47.3290, 79.8088 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(193, 37, 198)` looks like.

```
.text, #text, p{  
    color:rgb(193, 37, 198)  
}
```

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(193, 37, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 37, 198) }
```

Border

The CSS property to change the border of an element to YUV 101.9980, 47.3290, 79.8088 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(193, 37, 198) }
```


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

```
.border{ border-color:rgb(193, 37, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 37, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 37, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 37, 198);  
box-shadow:4px 4px 4px 4px rgb(193, 37,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 101.9980, 47.3290, 79.8088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 37, 198) }
```

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

```
.background{ background-color: rgb(193, 37,  
198) }
```

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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