

Converting Colors

YUV(99.9980, 47.3290, 79.8088)

Have a look what the booklet for
YUV(99.9980, 47.3290, 79.8088)
contains.

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Color

**YUV(99.9980, 47.3290,
79.8088)**

Conversions

Conversions Part 1

Format	Color
Hex	BF23C4
RGB	191, 35, 196
RGB Percent	75%, 14%, 77%
CMY	0.2510, 0.8627, 0.2314
CMYK	0.03, 0.82, 0.00, 0.23
HSL	298°, 70%, 45%
HSV	298°, 82%, 77%
XYZ	32.0507, 16.2640, 53.6745
YIQ	99.9980, 41.2950, 83.1430

Conversions

Conversions Part 2

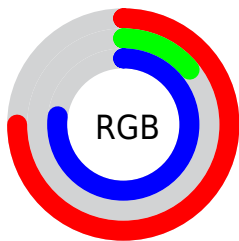
Format	Color
R_{YB}	191, 35, 196
Decimal	12526532
CIE _{Lab}	47.32, 75.09, -48.82
CIE _{LCh}	47, 89.568, 326.971
Yxy	16.2640, 0.3143, 0.1595
Android (android.graphics.Color)	4290716612 (0xFFBF23C4)
YUV	99.9980, 47.3290, 79.8088
Hunter-Lab	40.3286, 71.2858, -50.6809

Details

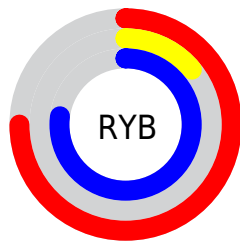
The YUV color **99.9980, 47.3290, 79.8088** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **131.0020, -47.3290, -79.8088**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7650, 43.9929, 76.5051**, and **55.8410, 41.9834, 67.6684** is the 20% darker color. If you saturate the color by 10%, you get **87.9590, 53.2642, 89.4900**, and if you desaturate by 10%, it is **112.0370, 41.3938, 70.1276**.

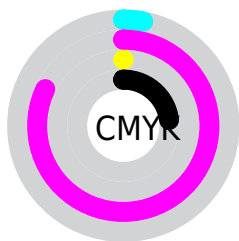
Distribution



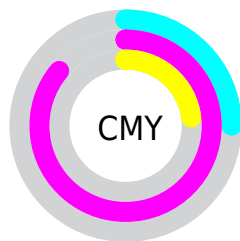
- Red (75%)
- Green (14%)
- Blue (77%)



- Red (75%)
- Yellow (14%)
- Blue (77%)



- Cyan (3%)
- Magenta (82%)
- Yellow (0%)
- Black (23%)



- Cyan (25%)
- Magenta (86%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.9980, 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 99.9980, 47.3290, 79.8088 by changing the saturation by 10% instead.

99.9980, 47.3290,
79.8088

99.9980, 47.3290,
79.8088

255.0000, 0.0000,
0.0000

67.5900, 49.5021,
82.7976

163.7650, 43.9929,
76.5051

55.8410, 41.9834,
67.6684

182.2120, 35.8845,
63.8351

44.5050, 34.7540,
53.0541

199.2350, 27.4921,
48.9059

32.9840, 28.1089,
37.7250

216.8450, 18.8104,
33.4619

22.4740, 21.4583,
24.1403

233.8680, 10.4181,
18.5328

9.5720, 15.9870,
5.6374

251.4780, 1.7363,

2.8670, 8.4466,

3.0888

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 99.9980, 47.3290,
79.8088

■ 99.9980, 47.3290,
79.8088

■ 87.9590, 53.2642,
89.4900

■ 112.0370, 41.3938,
70.1276

■ 79.1540, 57.6051,
97.2119

■ 123.1900, 35.8953,
60.3464

■ 135.2290, 29.9601,
50.6652

■ 146.3820, 24.4617,
40.8840

■ 158.4210, 18.5264,
31.2028

■ 170.4600, 12.5912,
21.5216

■ 181.6130, 7.0928,
11.7404

■ 193.6520, 1.1576,
2.0592

■ 204.8050, -4.3409,
-7.7220

Harmonies

Analogous

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



103.8740, 71.5471, -34.9695



99.9980, 47.3290, 79.8088



83.9880, 19.2329, 131.5605

Triad

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



99.9980, 47.3290, 79.8088



105.8650, -52.1914, 33.4444



103.7600, 37.0933, -90.9975

Complementary

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



99.9980, 47.3290, 79.8088



131.0020, -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.



94.3950, 3.7493, -82.7844



99.9980, 47.3290, 79.8088



94.8810, -46.7763, -23.5746

Square

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



99.9980, 47.3290, 79.8088



100.0040, -49.3020, 86.8195



81.1030, -37.0258, -71.1273



108.9530, 64.6062, -95.5518

Rectangle

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



99.9980, 47.3290, 79.8088



79.2990, -2.6124, 138.3038



81.1030, -37.0258, -71.1273



101.0240, 26.6102, -88.5980

Sweetspot

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



99.9980, 47.3290, 79.8088



216.8340, 18.8158, 31.7176



56.2890, 68.8775, -18.6705



104.5090, 11.5811, 18.8476



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.



99.9980, 47.3290, 79.8088



104.6840, 74.1058, 124.8111



92.9430, 13.8321, 90.3810



91.1300, 2.8939, 5.1480



64.9980, 47.3290, 79.8088



13.3300, 9.6973, 16.3736

Inverse Universe

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



83.7090, -21.5485, 98.4792



79.1460, -34.0890, 154.2240



138.0570, -13.8321, -90.3810



90.1040, -1.0373, 6.0478



48.7090, -21.5485, 98.4792



9.9810, -4.4276, 20.1877

Previews

White Background



This preview shows how the YUV color 99.9980, 47.3290, 79.8088 looks on a white background.

Color Contrast Check

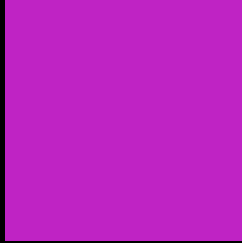
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.9980, 47.3290, 79.8088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

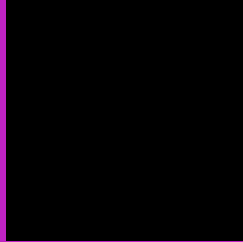
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.9980, 47.3290, 79.8088

Background



This preview shows how black text looks on a background with the YUV color 99.9980, 47.3290, 79.8088.



This preview shows how white text looks on a background with the YUV color 99.9980, 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

99.9980, 47.3290, 79.8088

Protanopia

90.3170, 69.3567, -79.2080

Deuteranopia

108.3400, 37.7934, -35.3782



Tritanopia

111.6870, -11.6777, 59.0335

Trichromacy



Original Color

99.9980, 47.3290, 79.8088



Protanomaly

93.6170, 61.3208, -21.5891



Deuteranomaly

105.2280, 41.2996, 6.8160



Tritanomaly

107.3500, 9.6875, 66.3451

Monochromacy



Original Color

99.9980, 47.3290, 79.8088



Achromatopsia

100.0000, 0.0000, 0.0000



Achromatomaly

99.7690, 17.3689, 29.1436

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.9980, 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(191, 35, 196)` looks like.

```
.text, #text, p{  
    color:rgb(191, 35, 196)  
}
```

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(191, 35, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 35, 196) }
```

Border

The CSS property to change the border of an element to YUV 99.9980, 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(191, 35, 196) }
```


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

```
.border{ border-color:rgb(191, 35, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 35, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 35, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 35, 196);  
box-shadow:4px 4px 4px 4px rgb(191, 35,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 99.9980, 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(191, 35, 196) }
```

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

```
.background{ background-color: rgb(191, 35,  
196) }
```

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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