

Converting Colors

YUV(99.2030, 53.1439, 81.3830)

Have a look what the booklet for
YUV(99.2030, 53.1439, 81.3830)
contains.

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Color

**YUV(99.2030, 53.1439,
81.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	C01FCF
RGB	192, 31, 207
RGB Percent	75%, 12%, 81%
CMY	0.2471, 0.8784, 0.1882
CMYK	0.07, 0.85, 0.00, 0.19
HSL	295°, 74%, 47%
HSV	295°, 85%, 81%
XYZ	33.4907, 16.6914, 60.4881
YIQ	99.2030, 39.4600, 88.8680

Conversions

Conversions Part 2

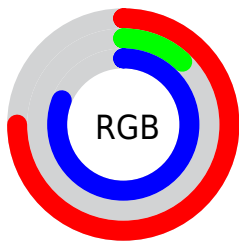
Format	Color
R _{YB}	192, 31, 207
Decimal	12591055
CIE _{Lab}	47.87, 77.86, -54.29
CIE _{LCh}	48, 94.919, 325.111
Yxy	16.6914, 0.3026, 0.1508
Android (android.graphics.Color)	4290781135 (0xFFC01FCF)
YUV	99.2030, 53.1439, 81.3830
Hunter-Lab	40.8552, 74.8275, -59.1832

Details

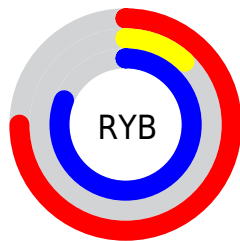
The YUV color **99.2030, 53.1439, 81.3830** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **138.7970, -53.1439, -81.3830**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.1180, 45.2978, 77.9495**, and **57.3940, 46.6408, 67.1835** is the 20% darker color. If you saturate the color by 10%, you get **86.2780, 59.5159, 90.9642**, and if you desaturate by 10%, it is **112.1280, 46.7719, 71.8017**.

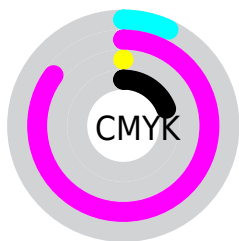
Distribution



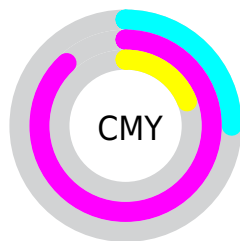
- Red (75%)
- Green (12%)
- Blue (81%)



- Red (75%)
- Yellow (12%)
- Blue (81%)



- Cyan (7%)
- Magenta (85%)
- Yellow (0%)
- Black (19%)





- Cyan (25%)
- Magenta (88%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.2030, 53.1439, 81.3830 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 99.2030, 53.1439, 81.3830 by changing the saturation by 10% instead.


 99.2030, 53.1439,
81.3830


 99.2030, 53.1439,
81.3830


255.0000, 0.0000,
0.0000


 69.1430, 54.1595,
82.3126


 163.1180, 45.2978,
77.9495


 57.3940, 46.6408,
67.1835

 181.6250, 36.1739,
64.3499


 45.6450, 39.1220,
52.0543


 198.6480, 27.7815,
49.4207

 34.0100, 32.0401,
36.8252

 216.2580, 19.0998,
33.9767

 23.5000, 25.3895,
23.2405

 233.8680, 10.4181,
18.5328

 10.2990, 20.0656,
4.1228

 251.4780, 1.7363,

 4.4800, 12.0884,

3.0888

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 99.2030, 53.1439,
81.3830

■ 99.2030, 53.1439,
81.3830

■ 86.2780, 59.5159,
90.9642

■ 112.1280, 46.7719,
71.8017

■ 80.1090, 62.5573,
95.4974

■ 124.4660, 40.6893,
62.7353

■ 137.0920, 34.4646,
52.5393

■ 150.0170, 28.0926,
42.9581

■ 162.9420, 21.7206,
33.3769

■ 175.2800, 15.6380,
24.3104

■ 187.9060, 9.4133,
14.1144

■ 200.8310, 3.0413,
4.5332

■ 213.1690, -3.0413,
-4.5332

Harmonies

Analogous

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



92.8640, 79.9330, -64.7787



99.2030, 53.1439, 81.3830



86.8790, 21.2587, 135.1641

Triad

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



99.2030, 53.1439, 81.3830



107.0720, -52.7865, 37.6479



105.6350, 36.6619, -92.6419

Complementary

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



99.2030, 53.1439, 81.3830



138.7970, -53.1439, -81.3830

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.



95.1130, 1.4233, -83.4141



99.2030, 53.1439, 81.3830



96.3650, -47.5079, -22.2451

Square

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



99.2030, 53.1439, 81.3830



98.8740, -48.7449, 94.8265



81.5930, -40.2253, -71.5571



111.5120, 66.7956, -97.7960

Rectangle

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



99.2030, 53.1439, 81.3830



82.4460, -2.1919, 143.4369



81.5930, -40.2253, -71.5571



102.6710, 25.3052, -90.0425

Sweetspot

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



99.2030, 53.1439, 81.3830



214.4640, 19.9842, 30.2881



61.6300, 71.6674, -26.8625



103.3240, 12.1653, 18.1329



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.



99.2030, 53.1439, 81.3830



98.7370, 77.0377, 117.7487



95.7080, 20.3570, 97.6031



98.2440, 3.3307, 5.0480



65.1980, 50.6814, 77.8794



15.7370, 12.4547, 18.6477

Inverse Universe

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



85.3340, -19.3917, 106.7011



78.7530, -27.9792, 154.5686



142.2920, -20.3570, -97.6031



97.4030, -1.1847, 6.6626



51.8280, -18.6492, 101.8828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 99.2030, 53.1439, 81.3830 looks on a white background.

Color Contrast Check

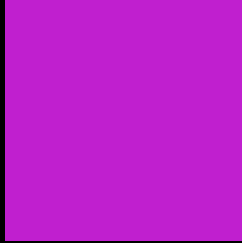
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.2030, 53.1439, 81.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

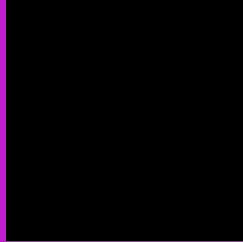
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.2030, 53.1439, 81.3830

Background



This preview shows how black text looks on a background with the YUV color 99.2030, 53.1439, 81.3830.



This preview shows how white text looks on a background with the YUV color 99.2030, 53.1439,

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

99.2030, 53.1439, 81.3830

Protanopia

91.2460, 70.3777, -80.0227

Deuteranopia

106.7670, 43.4989, -45.3997



Tritanopia

113.4910, -11.0881, 56.5744

Trichromacy



Original Color

99.2030, 53.1439, 81.3830



Protanomaly

94.0130, 64.0836, -21.0594



Deuteranomaly

103.9760, 46.8468, 0.8980



Tritanomaly

108.0340, 12.3082, 65.7452

Monochromacy



Original Color

99.2030, 53.1439, 81.3830



Achromatopsia

99.0000, 0.0000, 0.0000



Achromatomaly

98.9370, 19.2581, 29.8733

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.2030, 53.1439, 81.3830 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(192, 31, 207)` looks like.

```
.text, #text, p{  
    color:rgb(192, 31, 207)  
}
```

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(192, 31, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 31, 207) }
```

Border

The CSS property to change the border of an element to YUV 99.2030, 53.1439, 81.3830 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(192, 31, 207) }
```


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

```
.border{ border-color:rgb(192, 31, 207) }
```

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

Here you see how a box with a 4 pixel rgb(192, 31, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 31, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 31, 207);  
box-shadow:4px 4px 4px 4px rgb(192, 31,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 99.2030, 53.1439, 81.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 31, 207) }
```

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

```
.background{ background-color: rgb(192, 31,  
207) }
```

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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