

Converting Colors

YUV(97.8030, 39.5371, 58.9318)

Have a look what the booklet for
YUV(97.8030, 39.5371, 58.9318)
contains.

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Color

**YUV(97.8030, 39.5371,
58.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	A530B2
RGB	165, 48, 178
RGB Percent	65%, 19%, 70%
CMY	0.3529, 0.8118, 0.3020
CMYK	0.07, 0.73, 0.00, 0.30
HSL	294°, 58%, 44%
HSV	294°, 73%, 70%
XYZ	24.6099, 13.3276, 43.3949
YIQ	97.8030, 28.0020, 65.2340

Conversions

Conversions Part 2

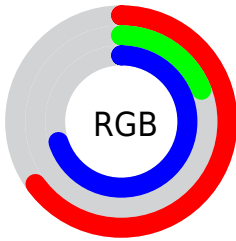
Format	Color
RYB	165, 48, 178
Decimal	10825906
CIELab	43.25, 63.28, -45.02
CIElCh	43, 77.666, 324.571
Yxy	13.3276, 0.3026, 0.1639
Android (android.graphics.Color)	4289015986 (0xFFA530B2)
YUV	97.8030, 39.5371, 58.9318
Hunter-Lab	36.5070, 56.4423, -44.9216

Details

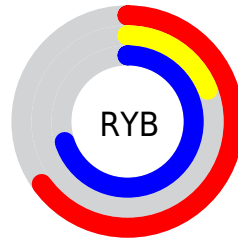
The YUV color **97.8030, 39.5371, 58.9318** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **128.1970, -39.5371, -58.9318**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5750, 38.6635, 59.1317**, and **46.8410, 38.5324, 54.5134** is the 20% darker color. If you saturate the color by 10%, you get **86.6390, 45.0410, 66.9686**, and if you desaturate by 10%, it is **108.9670, 34.0333, 50.8949**.

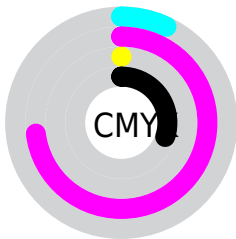
Distribution



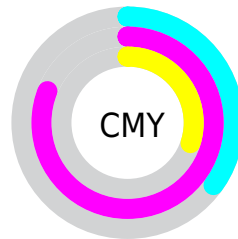
- Red (65%)
- Green (19%)
- Blue (70%)



- Red (65%)
- Yellow (19%)
- Blue (70%)



- Cyan (7%)
- Magenta (73%)
- Yellow (0%)
- Black (30%)





- Cyan (35%)
- Magenta (81%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.8030, 39.5371, 58.9318 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 97.8030, 39.5371, 58.9318 by changing the saturation by 10% instead.


 97.8030, 39.5371,
58.9318


 97.8030, 39.5371,
58.9318


255.0000, 0.0000,
0.0000


 61.6990, 44.0254,
66.0390


 155.5750, 38.6635,
59.1317


 46.8410, 38.5324,
54.5134


 183.3750, 35.3111,
61.0611


 35.8040, 31.1556,
40.5139


 200.4090, 26.9134,
47.8763

 25.2940, 24.5051,
26.9292

 216.8450, 18.8104,
33.4619

 14.1860, 18.1493,
12.1149

 233.8680, 10.4181,
18.5328

 4.4800, 12.0884,
-3.9290

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 97.8030, 39.5371,
58.9318

■ 97.8030, 39.5371,
58.9318

■ 86.6390, 45.0410,
66.9686

■ 108.9670, 34.0333,
50.8949

■ 75.4750, 50.5448,
75.0054

■ 120.1310, 28.5294,
42.8581

■ 68.1320, 54.1649,
80.5682

■ 130.4090, 23.4624,
34.7213

■ 141.5730, 17.9585,
26.6845

■ 152.7370, 12.4547,
18.6477

■ 163.9010, 6.9508,
10.6108

■ 174.7660, 1.5944,
1.9592

■ 185.3430, -3.6201,
-5.5628

■ 196.5070, -9.1240,
-13.5996

Harmonies

Analogous

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



93.5610, 62.8274, -38.2030



97.8030, 39.5371, 58.9318



74.6330, 20.8869, 114.3319

Triad

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



97.8030, 39.5371, 58.9318



96.7170, -47.6815, 33.5742



92.6920, 30.2248, -81.2909

Complementary

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



97.8030, 39.5371, 58.9318



128.1970, -39.5371, -58.9318

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.



84.5810, 1.6856, -74.1775



97.8030, 39.5371, 58.9318



88.7450, -43.7513, -13.8084

Square

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



97.8030, 39.5371, 58.9318



91.6870, -45.2017, 78.3275



73.2270, -31.6639, -64.2201



97.6740, 54.3907, -85.6601

Rectangle

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



97.8030, 39.5371, 58.9318



71.2260, 1.3676, 121.7048



73.2270, -31.6639, -64.2201



90.2980, 21.0521, -79.1913

Sweetspot

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



97.8030, 39.5371, 58.9318



200.5680, 15.4960, 23.1809



70.4510, 53.0217, -19.6895



98.4930, 9.1240, 13.5996



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



97.8030, 39.5371, 58.9318



106.2720, 61.9839, 92.7235



95.7620, 14.9073, 72.1227



83.4180, 2.7519, 4.0184



58.7040, 46.4879, 69.5426



9.8410, 7.9664, 11.5404

Inverse Universe

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



88.3520, -13.4845, 78.6213



91.2760, -21.3351, 123.4149



130.2380, -14.9073, -72.1227



82.8050, -0.8899, 5.4330



47.4570, -16.0013, 92.5612



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 97.8030, 39.5371, 58.9318 looks on a white background.

Color Contrast Check

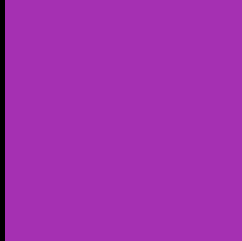
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.8030, 39.5371, 58.9318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

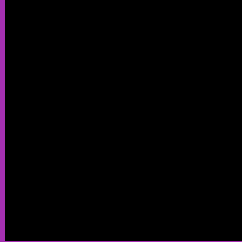
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.8030, 39.5371, 58.9318

Background



This preview shows how black text looks on a background with the YUV color 97.8030, 39.5371, 58.9318.



This preview shows how white text looks on a background with the YUV color 97.8030, 39.5371,

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

97.8030, 39.5371, 58.9318

Protanopia

82.1670, 63.5147, -72.0605

Deuteranopia

97.9660, 35.0198, -32.4192



Tritanopia

103.3970, -8.5767, 44.3788

Trichromacy



Original Color

97.8030, 39.5371, 58.9318



Protanomaly

87.5860, 54.9271, -24.1929



Deuteranomaly

97.9300, 36.5165, 0.9384



Tritanomaly

101.3110, 8.7207, 49.7163

Monochromacy



Original Color

97.8030, 39.5371, 58.9318



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

97.9160, 14.3384, 21.1217

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.8030, 39.5371, 58.9318 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(165, 48, 178)` looks like.

```
.text, #text, p{  
    color:rgb(165, 48, 178)  
}
```

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(165, 48, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 48, 178) }
```

Border

The CSS property to change the border of an element to YUV 97.8030, 39.5371, 58.9318 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(165, 48, 178) }
```


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

```
.border{ border-color:rgb(165, 48, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 48, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 48, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 48, 178);  
box-shadow:4px 4px 4px 4px rgb(165, 48,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 97.8030, 39.5371, 58.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 48, 178) }
```

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

```
.background{ background-color: rgb(165, 48,  
178) }
```

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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