

Converting Colors

YUV(71.9920, 49.3039, 6.1460)

Have a look what the booklet for
YUV(71.9920, 49.3039, 6.1460)
contains.

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Color

**YUV(71.9920, 49.3039,
6.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	4F31AC
RGB	79, 49, 172
RGB Percent	31%, 19%, 67%
CMY	0.6902, 0.8078, 0.3255
CMYK	0.54, 0.72, 0.00, 0.33
HSL	255°, 56%, 43%
HSV	255°, 72%, 67%
XYZ	11.7692, 6.8374, 39.7292
YIQ	71.9920, -21.6030, 44.6130

Conversions

Conversions Part 2

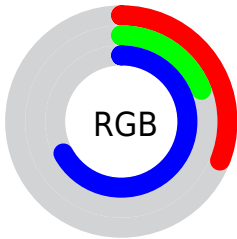
Format	Color
R_{YB}	79, 49, 172
Decimal	5190060
CIE _{Lab}	31.43, 44.76, -61.13
CIE _{LCh}	31, 75.766, 306.209
Yxy	6.8374, 0.2017, 0.1172
Android (android.graphics.Color)	4283380140 (0xFF4F31AC)
YUV	71.9920, 49.3039, 6.1460
Hunter-Lab	26.1485, 34.5810, -71.7793

Details

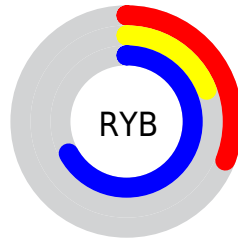
The YUV color **71.9920, 49.3039, 6.1460** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **149.0080, -49.3039, -6.1460**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4810, 51.0349, 10.9792**, and **13.4520, 51.5422, -11.7974** is the 20% darker color. If you saturate the color by 10%, you get **58.1260, 56.1399, 6.9055**, and if you desaturate by 10%, it is **85.8580, 42.4680, 5.3865**.

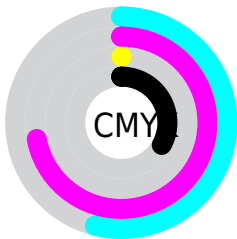
Distribution



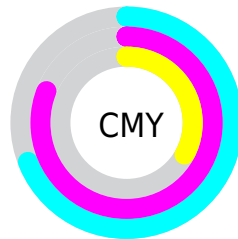
- Red (31%)
- Green (19%)
- Blue (67%)



- Red (31%)
- Yellow (19%)
- Blue (67%)



- Cyan (54%)
- Magenta (72%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (81%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9920, 49.3039, 6.1460 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 71.9920, 49.3039, 6.1460 by changing the saturation by 10% instead.

71.9920, 49.3039,
6.1460

71.9920, 49.3039,
6.1460

255.0000, 0.0000,
0.0000

45.5570, 49.0254,
2.1425

124.4810, 51.0349,
10.9792

13.4520, 51.5422,
-11.7974

151.1930, 51.1769,
12.1087

10.6020, 40.6222,
-9.2980

175.4250, 39.2305,
17.1673

8.3390, 29.4129,
-7.3133

199.9450, 27.1421,
21.0962

6.8910, 18.7877,
-6.0434

225.3510, 14.6170,
25.1252

3.2090, 9.7570,
-2.8143

242.0860, 6.3666,

0.0000, 0.0000,

11.3256

0.0000

■ 71.9920, 49.3039,
6.1460

■ 71.9920, 49.3039,
6.1460

■ 58.1260, 56.1399,
6.9055

■ 85.8580, 42.4680,
5.3865

■ 44.2600, 62.9758,
7.6650

■ 99.7240, 35.6321,
4.6271

■ 32.1660, 68.9382,
8.6244

■ 114.1770, 28.5067,
3.3528

■ 128.0430, 21.6708,
2.5933

■ 141.9090, 14.8349,
1.8338

■ 155.7750, 7.9989,
1.0743

■ 169.6410, 1.1630,
0.3148

■ 184.0940, -5.9623,
-0.9594

■ 197.9600,
-12.7983, -1.7189

Harmonies

Analogous

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



69.1900, 62.0243, -60.6796



71.9920, 49.3039, 6.1460



58.8720, 31.6151, 79.9193

Triad

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



71.9920, 49.3039, 6.1460



68.2090, -33.6270, 52.4367



66.0420, 9.3463, -57.9188

Complementary

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



71.9920, 49.3039, 6.1460



149.0080, -49.3039, -6.1460

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.



57.3440, -18.9036, -50.2907



71.9920, 49.3039, 6.1460



68.5320, -33.7863, 10.0574

Square

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



71.9920, 49.3039, 6.1460



48.1820, -22.2747, 98.0644



51.6560, -25.4664, -45.3023



72.7680, 35.1174, -63.8175

Rectangle

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



71.9920, 49.3039, 6.1460



59.8080, 11.9267, 94.8844



51.6560, -25.4664, -45.3023



63.0610, 0.4629, -55.3045

Sweetspot

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



71.9920, 49.3039, 6.1460



185.9460, 18.7606, 2.6784



118.2000, 26.5234, -60.6884



89.2850, 11.1985, 1.5041



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



71.9920, 49.3039, 6.1460



67.0550, 77.3739, 9.5988



89.9320, 40.4595, 43.0326



79.6240, 3.6364, 0.3298



28.1630, 60.0656, 7.7500



4.4160, 9.1619, 1.3892

Inverse Universe

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



96.3790, 22.4912, 66.3196



105.3510, 35.3230, 104.0552



131.0680, -40.4595, -43.0326



81.4890, 1.7309, 4.8331



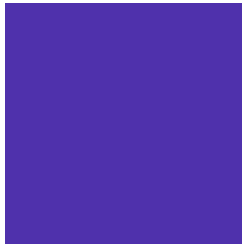
57.8460, 27.6839, 80.8191



8.8150, 4.0352, 12.4402

Previews

White Background



This preview shows how the YUV color 71.9920, 49.3039, 6.1460 looks on a white background.

Color Contrast Check

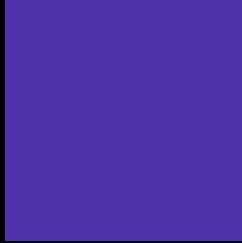
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 71.9920, 49.3039, 6.1460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

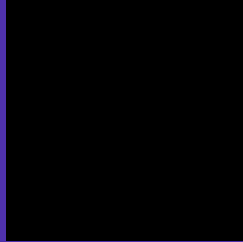
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.9920, 49.3039, 6.1460

Background



This preview shows how black text looks on a background with the YUV color 71.9920, 49.3039, 6.1460.



This preview shows how white text looks on a background with the YUV color 71.9920, 49.3039,

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

71.9920, 49.3039, 6.1460

Protanopia

59.4780, 45.1203, -52.1622

Deuteranopia

59.4320, 34.7900, -52.1219



Tritanopia

71.0130, 6.8956, -18.4284

Trichromacy



Original Color

71.9920, 49.3039, 6.1460

Protanomaly

64.3650, 46.6551, -31.0151

Deuteranomaly

63.9430, 39.9611, -30.6450

Tritanomaly

71.4930, 22.4350, -9.2024

Monochromacy



Original Color

71.9920, 49.3039, 6.1460

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.3050, 17.5976, 2.3635

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9920, 49.3039, 6.1460 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(79, 49, 172)` looks like.

```
.text, #text, p{  
    color:rgb(79, 49, 172)  
}
```

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(79, 49, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 49, 172) }
```

Border

The CSS property to change the border of an element to YUV 71.9920, 49.3039, 6.1460 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(79, 49, 172) }
```


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

```
.border{ border-color:rgb(79, 49, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 49, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 49, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 49, 172);  
box-shadow:4px 4px 4px 4px rgb(79, 49,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 71.9920, 49.3039, 6.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 49, 172) }
```

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

```
.background{ background-color: rgb(79, 49,  
172) }
```

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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