

Converting Colors

YUV(50.4780, 69.2773, 39.9228)

Have a look what the booklet for
YUV(50.4780, 69.2773, 39.9228)
contains.

YUV(50.4780, 69.2773, 39.9228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(50.4780, 69.2773,
39.9228)**

Conversions

Conversions Part 1

Format	Color
Hex	6000BF
RGB	96, 0, 191
RGB Percent	38%, 0%, 75%
CMY	0.6235, 1.0000, 0.2510
CMYK	0.50, 1.00, 0.00, 0.25
HSL	270°, 100%, 37%
HSV	270°, 100%, 75%
XYZ	14.2278, 6.2484, 49.7464
YIQ	50.4780, -4.0950, 79.7530

Conversions

Conversions Part 2

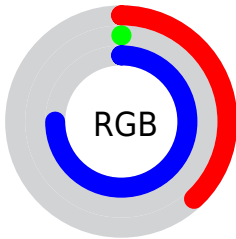
Format	Color
R _Y B	96, 0, 191
Decimal	6291647
CIE Lab	30.03, 67.08, -74.68
CIE LCh	30, 100.377, 311.931
Yxy	6.2484, 0.2026, 0.0890
Android (android.graphics.Color)	4284481727 (0xFF6000BF)
YUV	50.4780, 69.2773, 39.9228
Hunter-Lab	24.9968, 57.8556, -100.4960

Details

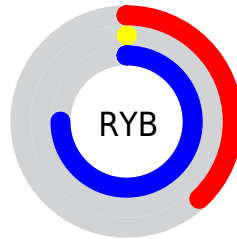
The YUV color **50.4780, 69.2773, 39.9228** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **140.5220, -69.2773, -39.9228**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.7070, 65.2204, 34.4600**, and **22.3810, 56.0142, 0.5429** is the 20% darker color. If you saturate the color by 10%, you get **50.4780, 69.2773, 39.9228**, and if you desaturate by 10%, it is **64.3220, 62.4523, 35.6746**.

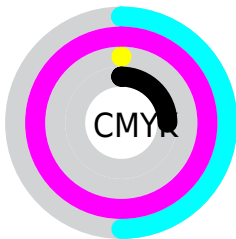
Distribution



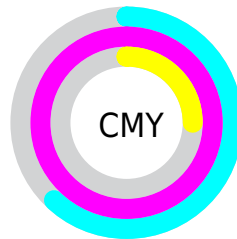
- Red (38%)
- Green (0%)
- Blue (75%)



- Red (38%)
- Yellow (0%)
- Blue (75%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (62%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.4780, 69.2773, 39.9228 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 50.4780, 69.2773, 39.9228 by changing the saturation by 10% instead.

■ 50.4780, 69.2773,
39.9228

■ 50.4780, 69.2773,
39.9228

■ 255.0000, 0.0000,
0.0000

■ 37.7180, 61.7640,
23.0493

■ 116.7070, 65.2204,
34.4600

■ 22.3810, 56.0142,
0.5429

■ 142.7970, 55.3161,
37.8890

■ 12.5400, 48.0478,
-10.9976

■ 167.6160, 43.0803,
42.4328

■ 9.5760, 36.6910,
-8.3982

■ 193.3210, 30.4077,
47.0765

■ 10.3620, 24.4715,
-9.0875

■ 212.1490, 21.1255,
37.5803


■ 5.3920, 15.5827,
-4.7288

■ 229.1720, 12.7332,


■ 2.1830, 5.8258,


22.6512


-1.9145


 246.1950, 4.3409,
7.7220


 0.0000, 0.0000,
0.0000


 50.4780, 69.2773,
39.9228

 64.3220, 62.4523,
35.6746

 78.4650, 55.4798,
32.0412

 92.3090, 48.6547,
27.7930

 106.4520, 41.6822,
24.1596

 120.8830, 34.5677,
19.3966

■ 135.0260, 27.5952,
15.7632

■ 149.1690, 20.6227,
12.1298

■ 163.0130, 13.7976,
7.8816

■ 176.8570, 6.9725,
3.6334

Harmonies

Analogous

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



70.3590, 79.1960, -61.7048



50.4780, 69.2773, 39.9228



66.7170, 26.7615, 96.7182

Triad

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



50.4780, 69.2773, 39.9228



64.6650, -31.8798, 52.0368



67.3930, 17.0613, -59.1037

Complementary

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



50.4780, 69.2773, 39.9228



140.5220, -69.2773, -39.9228

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.



56.0730, -21.2350, -49.1760



50.4780, 69.2773, 39.9228



63.1280, -31.1221, -4.4973

Square

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



50.4780, 69.2773, 39.9228



51.1290, -25.2066, 105.1269



52.2430, -25.7558, -45.8171



77.7040, 48.9529, -68.1464

Rectangle

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



50.4780, 69.2773, 39.9228



65.6870, 2.1263, 111.6535



52.2430, -25.7558, -45.8171



64.2010, 4.8309, -56.3043

Sweetspot

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



50.4780, 69.2773, 39.9228



192.4990, 26.8690, 15.3484



78.1260, 55.6469, -68.5165



92.0070, 16.2655, 9.6409



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



50.4780, 69.2773, 39.9228



65.2340, 89.6106, 51.5378



78.8830, 55.2737, 98.3266



87.5210, 3.1941, 2.1741



41.6330, 57.3689, 32.7709



8.0190, 11.3296, 6.1223

Inverse Universe

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



67.9390, 13.3411, 107.9245



87.8750, 17.3166, 139.5526



112.1170, -55.2737, -98.3266



88.2610, 0.8573, 5.0331



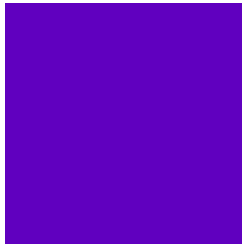
56.2480, 11.2167, 89.2365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 50.4780, 69.2773, 39.9228 looks on a white background.

Color Contrast Check

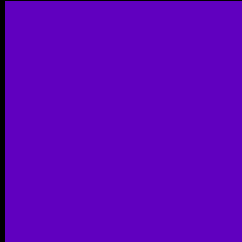
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.4780, 69.2773, 39.9228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

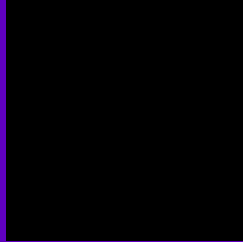
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.4780, 69.2773, 39.9228

Background



This preview shows how black text looks on a background with the YUV color 50.4780, 69.2773, 39.9228.



This preview shows how white text looks on a background with the YUV color 50.4780, 69.2773,

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



Protanopia

58.5490, 44.0993, -51.3475

Deuteranopia

58.5030, 33.7690, -51.3071

Tritanopia

71.9930, 3.9475, -6.1329

Trichromacy



Protanomaly

55.5760, 53.4530, -18.0452

Deuteranomaly

55.7410, 46.4697, -18.1899

Tritanomaly

63.9930, 27.6115, 10.5301

Monochromacy



Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.3310, 24.9798, 14.6187

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.4780, 69.2773, 39.9228 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(96, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(96, 0, 191)  
}
```

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(96, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 0, 191) }
```

Border

The CSS property to change the border of an element to YUV 50.4780, 69.2773, 39.9228 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(96, 0, 191) }
```

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

```
.border{ border-color:rgb(96, 0, 191) }
```

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

Here you see how a box with a 4 pixel rgb(96, 0, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(96, 0, 191)  
}
```


Background

The CSS property to change the background color of an element to YUV 50.4780, 69.2773, 39.9228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 0, 191) }
```

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

```
.background{ background-color: rgb(96, 0,  
191) }
```

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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