

Converting Colors

YUV(60.6800, 69.6708, 53.7776)

Have a look what the booklet for
YUV(60.6800, 69.6708, 53.7776)
contains.

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Color

**YUV(60.6800, 69.6708,
53.7776)**

Conversions

Conversions Part 1

Format	Color
Hex	7A02CA
RGB	122, 2, 202
RGB Percent	48%, 1%, 79%
CMY	0.5216, 0.9922, 0.2078
CMYK	0.40, 0.99, 0.00, 0.21
HSL	276°, 98%, 40%
HSV	276°, 99%, 79%
XYZ	18.7084, 8.4453, 56.5212
YIQ	60.6800, 7.3200, 87.6400

Conversions

Conversions Part 2

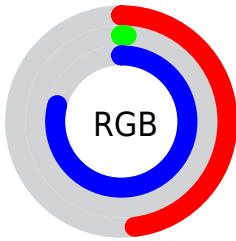
Format	Color
RYB	122, 2, 202
Decimal	7996106
CIELab	34.89, 71.48, -72.99
CIElCh	35, 102.162, 314.402
Yxy	8.4453, 0.2236, 0.1009
Android (android.graphics.Color)	4286186186 (0xFF7A02CA)
YUV	60.6800, 69.6708, 53.7776
Hunter-Lab	29.0607, 64.0566, -94.9726

Details

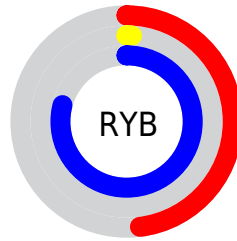
The YUV color **60.6800, 69.6708, 53.7776** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **143.3200, -69.6708, -53.7776**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2740, 61.9829, 46.2407**, and **34.5840, 54.9281, 22.2898** is the 20% darker color. If you saturate the color by 10%, you get **59.2070, 70.3969, 54.1925**, and if you desaturate by 10%, it is **74.8120, 62.7037, 48.3999**.

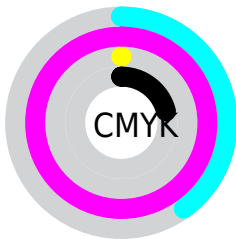
Distribution



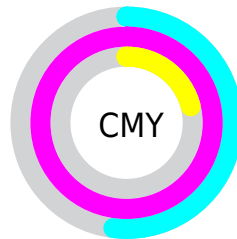
- Red (48%)
- Green (1%)
- Blue (79%)



- Red (48%)
- Yellow (1%)
- Blue (79%)



- Cyan (40%)
- Magenta (99%)
- Yellow (0%)
- Black (21%)



- Cyan (52%)
- Magenta (99%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.6800, 69.6708, 53.7776 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 60.6800, 69.6708, 53.7776 by changing the saturation by 10% instead.

60.6800, 69.6708,
53.7776

60.6800, 69.6708,
53.7776

255.0000, 0.0000,
0.0000

47.3440, 62.4414,
39.1633

129.2740, 61.9829,
46.2407

34.5840, 54.9281,
22.2898

154.6800, 49.4578,
50.2696

19.9590, 49.3202,
0.9130

180.0860, 36.9326,
54.2986

10.7160, 41.0590,
-9.3979

200.4090, 26.9134,
47.8763

9.6270, 29.2709,
-8.4429

217.4320, 18.5210,
32.9471


7.0050, 19.2245,
-6.1434


234.4550, 10.1287,


3.3230, 10.1938,

18.0180


-2.9143


 252.0650, 1.4470,
2.5740


 0.0000, 0.0000,
0.0000


 60.6800, 69.6708,
53.7776

 60.6800, 69.6708,
53.7776


 59.2070, 70.3969,
54.1925

 74.8120, 62.7037,
48.3999

 88.9440, 55.7366,
43.0221

 103.6630, 48.4801,
37.1295

 117.7950, 41.5131,
31.7518

 131.9270, 34.5460,
26.3740

■ 146.0590, 27.5789,
20.9963

■ 160.4900, 20.4644,
16.2333

■ 175.2090, 13.2080,
10.3407

■ 189.3410, 6.2409,
4.9629

Harmonies

Analogous

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



76.7650, 83.4329, -67.3229



60.6800, 69.6708, 53.7776



73.4950, 26.8710, 108.3139

Triad

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



60.6800, 69.6708, 53.7776



76.7590, -37.8422, 51.0774



77.7770, 21.3089, -68.2104

Complementary

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



60.6800, 69.6708, 53.7776



143.3200, -69.6708, -53.7776

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.



66.5710, -16.5505, -58.3828



60.6800, 69.6708, 53.7776



72.2540, -35.6212, -8.1158

Square

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



60.6800, 69.6708, 53.7776



55.3150, -27.2703, 113.7337



60.4610, -29.8073, -53.0243



87.7290, 54.3636, -76.9383

Rectangle

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



60.6800, 69.6708, 53.7776



71.6390, 1.6570, 122.2196



60.4610, -29.8073, -53.0243



73.9980, 9.3680, -64.8962

Sweetspot

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



60.6800, 69.6708, 53.7776



201.1190, 26.5633, 20.0666



71.7600, 64.2083, -61.1795



95.3170, 16.1127, 12.0000



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.



60.6800, 69.6708, 53.7776



74.8170, 88.8302, 68.5665



82.3200, 49.1422, 104.9594



94.9340, 3.4835, 2.6889



48.5250, 57.9152, 44.2666



11.2090, 13.2080, 10.3407

Inverse Universe

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



70.9200, 5.4624, 114.9572



87.8730, 6.9646, 146.5704



121.6800, -49.1422, -104.9594



95.4460, 0.2731, 5.7479



57.1580, 4.3591, 95.4544



13.0720, 0.9505, 21.8619

Previews

White Background



This preview shows how the YUV color 60.6800, 69.6708, 53.7776 looks on a white background.

Color Contrast Check

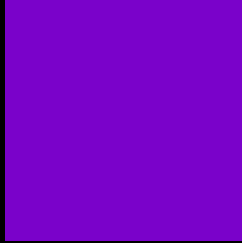
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.6800, 69.6708, 53.7776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

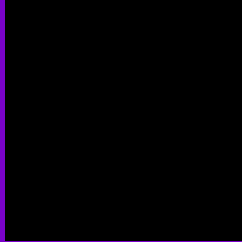
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.6800, 69.6708, 53.7776

Background



This preview shows how black text looks on a background with the YUV color 60.6800, 69.6708, 53.7776.



This preview shows how white text looks on a background with the YUV color 60.6800, 69.6708,

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

60.6800, 69.6708, 53.7776

Protanopia

67.0410, 51.2518, -58.7950

Deuteranopia

67.2400, 39.3217, -58.9695



Tritanopia

85.3650, -0.1799, 11.0809

Trichromacy



Original Color

60.6800, 69.6708, 53.7776

Protanomaly

64.4280, 57.9630, -17.9154

Deuteranomaly

64.4790, 50.5429, -17.9601

Tritanomaly

76.5220, 25.3787, 26.7292

Monochromacy



Original Color

60.6800, 69.6708, 53.7776

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.0650, 25.1110, 19.2370

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.6800, 69.6708, 53.7776 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(122, 2, 202)` looks like.

```
.text, #text, p{  
  color:rgb(122, 2, 202)  
}
```

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(122, 2, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 2, 202) }
```

Border

The CSS property to change the border of an element to YUV 60.6800, 69.6708, 53.7776 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(122, 2, 202) }
```


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

```
.border{ border-color:rgb(122, 2, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 2, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 2, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 2, 202);  
box-shadow:4px 4px 4px 4px rgb(122, 2,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 60.6800, 69.6708, 53.7776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 2, 202) }
```

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

```
.background{ background-color: rgb(122, 2,  
202) }
```

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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