

Converting Colors

YUV(74.1380, 71.4170, 6.8950)

Have a look what the booklet for
YUV(74.1380, 71.4170, 6.8950)
contains.

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Color

**YUV(74.1380, 71.4170,
6.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	522ADB
RGB	82, 42, 219
RGB Percent	32%, 16%, 86%
CMY	0.6784, 0.8353, 0.1412
CMYK	0.63, 0.81, 0.00, 0.14
HSL	254°, 71%, 51%
HSV	254°, 81%, 86%
XYZ	17.0938, 8.5642, 67.7700
YIQ	74.1380, -32.9770, 63.5270

Conversions

Conversions Part 2

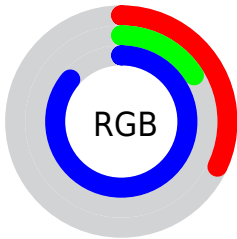
Format	Color
RYB	82, 42, 219
Decimal	5384923
CIELab	35.13, 61.84, -82.60
CIELCh	35, 103.185, 306.818
Yxy	8.5642, 0.1830, 0.0917
Android (android.graphics.Color)	4283575003 (0xFF522ADB)
YUV	74.1380, 71.4170, 6.8950
Hunter-Lab	29.2647, 53.0504, -116.8159

Details

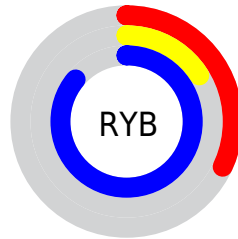
The YUV color **74.1380, 71.4170, 6.8950** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **186.8620, -71.4170, -6.8950**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.2010, 62.5119, 16.4867**, and **18.4680, 70.7613, -16.1964** is the 20% darker color. If you saturate the color by 10%, you get **56.1410, 80.2895, 7.7693**, and if you desaturate by 10%, it is **92.1350, 62.5444, 6.0206**.

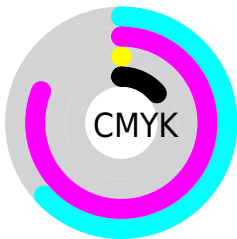
Distribution



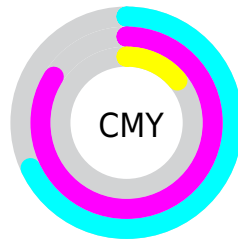
- Red (32%)
- Green (16%)
- Blue (86%)



- Red (32%)
- Yellow (16%)
- Blue (86%)



- Cyan (63%)
- Magenta (81%)
- Yellow (0%)
- Black (14%)



- Cyan (68%)
- Magenta (84%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.1380, 71.4170, 6.8950 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 74.1380, 71.4170, 6.8950 by changing the saturation by 10% instead.

■ 74.1380, 71.4170,
6.8950

■ 74.1380, 71.4170,
6.8950

■ 255.0000, 0.0000,
0.0000

■ 40.6750, 73.6172,
1.1620

■ 128.2010, 62.5119,
16.4867

■ 18.4680, 70.7613,
-16.1964

■ 153.3190, 50.1287,
21.6452

■ 15.3900, 58.9677,
-13.4970

■ 178.4370, 37.7456,
26.8038

■ 12.4260, 47.6110,
-10.8976

■ 203.5550, 25.3624,
31.9623

■ 15.9190, 33.0709,
-13.9610

■ 224.4760, 15.0483,
26.7695

■ 10.2480, 24.0347,
-8.9875

■ 241.4990, 6.6560,

■ 5.2780, 15.1459,

11.8404

-4.6288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 74.1380, 71.4170,
6.8950

■ 74.1380, 71.4170,
6.8950

■ 56.1410, 80.2895,
7.7693

■ 92.1350, 62.5444,
6.0206

■ 39.6170, 88.4358,
8.2289

■ 110.1320, 53.6719,
5.1462

■ 128.1290, 44.7994,
4.2719

■ 146.1260, 35.9269,
3.3975

■ 163.5360, 27.3438,
3.0379

■ 181.5330, 18.4712,
2.1636

■ 199.5300, 9.5987,
1.2892

■ 217.5270, 0.7262,
0.4148

■ 235.5240, -8.1463,
-0.4595

Harmonies

Analogous

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



82.8460, 83.8859, -72.6559



74.1380, 71.4170, 6.8950



73.0130, 37.9546, 99.9666

Triad

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



74.1380, 71.4170, 6.8950



73.0260, -36.0018, 67.5062



75.4970, 12.5730, -66.2109

Complementary

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



74.1380, 71.4170, 6.8950



186.8620, -71.4170, -6.8950

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.



62.8090, -30.9648, -55.0835



74.1380, 71.4170, 6.8950



76.4840, -37.7066, 7.4685

Square

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



74.1380, 71.4170, 6.8950



58.6040, -28.8918, 120.4963



59.2870, -29.2285, -51.9947



85.9050, 47.3748, -75.3387

Rectangle

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



74.1380, 71.4170, 6.8950



73.7340, 10.9771, 119.5053



59.2870, -29.2285, -51.9947



72.0770, -0.5310, -63.2115

Sweetspot

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



74.1380, 71.4170, 6.8950



205.1400, 24.5810, 2.5082



143.7710, 37.0879, -89.2532



97.6100, 14.9823, 1.2190



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.



74.1380, 71.4170, 6.8950



52.9020, 99.6343, 9.7329



100.1510, 58.5926, 60.3806



100.8520, 4.5100, 0.1298



31.3830, 69.8172, 6.6801



8.2340, 18.6186, 1.5488

Inverse Universe

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



110.5410, 33.7503, 95.1185



103.6270, 47.0189, 132.7541



160.8490, -58.5926, -60.3806



103.2010, 1.8729, 5.9627



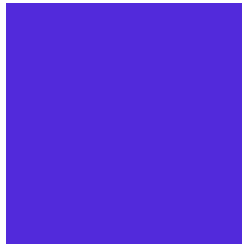
67.0030, 33.0295, 92.9594



17.8580, 8.9440, 24.6805

Previews

White Background



This preview shows how the YUV color 74.1380, 71.4170, 6.8950 looks on a white background.

Color Contrast Check

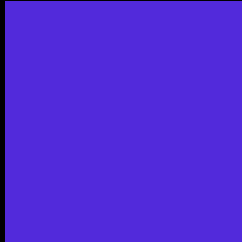
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.1380, 71.4170, 6.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

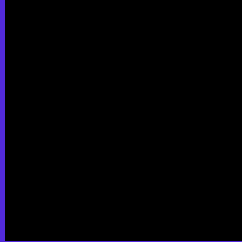
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.1380, 71.4170, 6.8950

Background



This preview shows how black text looks on a background with the YUV color 74.1380, 71.4170, 6.8950.



This preview shows how white text looks on a background with the YUV color 74.1380, 71.4170,

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

74.1380, 71.4170, 6.8950

Protanopia

65.9980, 49.7940, -57.8802

Deuteranopia

66.1970, 37.8639, -58.0548



Tritanopia

64.7030, 16.9084, -56.7445

Trichromacy



Original Color

74.1380, 71.4170, 6.8950

Protanomaly

68.9160, 57.7224, -34.1293

Deuteranomaly

68.9670, 50.3023, -34.1741

Tritanomaly

68.1230, 36.9144, -33.4339

Monochromacy



Original Color

74.1380, 71.4170, 6.8950

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8950, 26.1808, 2.7231

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.1380, 71.4170, 6.8950 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(82, 42, 219)` looks like.

```
.text, #text, p{  
    color:rgb(82, 42, 219)  
}
```

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(82, 42, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 42, 219) }
```

Border

The CSS property to change the border of an element to YUV 74.1380, 71.4170, 6.8950 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(82, 42, 219) }
```


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

```
.border{ border-color:rgb(82, 42, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 42, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 42, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 42, 219);  
box-shadow:4px 4px 4px 4px rgb(82, 42,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 74.1380, 71.4170, 6.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 42, 219) }
```

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

```
.background{ background-color: rgb(82, 42,  
219) }
```

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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