

Converting Colors

YUV(71.8700, 37.5321, 1.8680)

Have a look what the booklet for
YUV(71.8700, 37.5321, 1.8680)
contains.

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Color

**YUV(71.8700, 37.5321,
1.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	4A3894
RGB	74, 56, 148
RGB Percent	29%, 22%, 58%
CMY	0.7098, 0.7804, 0.4196
CMYK	0.50, 0.62, 0.00, 0.42
HSL	252°, 45%, 40%
HSV	252°, 62%, 58%
XYZ	9.5835, 6.4223, 28.7515
YIQ	71.8700, -18.8040, 32.4280

Conversions

Conversions Part 2

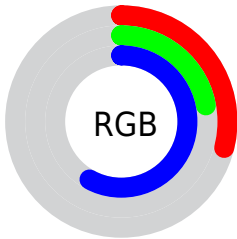
Format	Color
R_{YB}	74, 56, 148
Decimal	4864148
CIE _{Lab}	30.45, 32.49, -48.22
CIE _{LCh}	30, 58.141, 303.970
Yxy	6.4223, 0.2141, 0.1435
Android (android.graphics.Color)	4283054228 (0xFF4A3894)
YUV	71.8700, 37.5321, 1.8680
Hunter-Lab	25.3423, 23.1531, -49.5265

Details

The YUV color **71.8700, 37.5321, 1.8680** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **132.1300, -37.5321, -1.8680**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.4620, 39.7052, 4.8568**, and **21.2770, 36.8384, -9.0129** is the 20% darker color. If you saturate the color by 10%, you get **59.4770, 43.6418, 2.2127**, and if you desaturate by 10%, it is **84.2630, 31.4223, 1.5233**.

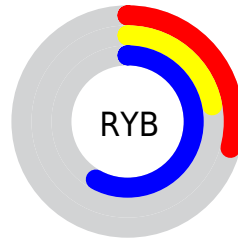
Distribution



Red (29%)

Green (22%)

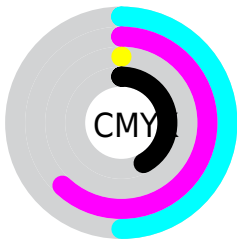
Blue (58%)



Red (29%)

Yellow (22%)

Blue (58%)

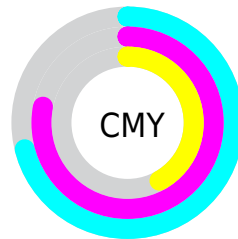


Cyan (50%)

Magenta (62%)

Yellow (0%)

Black (42%)



Cyan (71%)

Magenta (78%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.8700, 37.5321, 1.8680 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 71.8700, 37.5321, 1.8680 by changing the saturation by 10% instead.

■ 71.8700, 37.5321,
1.8680

■ 71.8700, 37.5321,
1.8680

■ 255.0000, 0.0000,
0.0000

■ 47.6200, 36.6693,
-1.4207

■ 122.4620, 39.7052,
4.8568

■ 21.2770, 36.8384,
-9.0129

■ 148.7010, 40.5734,
6.4012

■ 8.2080, 31.4495,
-7.1984

■ 175.0710, 39.4050,
7.8307

■ 7.8200, 19.8087,
-6.8581

■ 200.1780, 27.0272,
11.2449

■ 3.6650, 11.5042,
-3.2142

■ 224.6980, 14.9389,
15.1739

■ 0.0000, 0.0000,
0.0000

■ 245.6080, 4.6303,

8.2368

■ 71.8700, 37.5321,
1.8680

■ 71.8700, 37.5321,
1.8680

■ 59.4770, 43.6418,
2.2127

■ 84.2630, 31.4223,
1.5233

■ 47.0840, 49.7516,
2.5573

■ 96.6560, 25.3126,
1.1787

■ 35.2780, 55.5719,
2.3872

■ 108.4620, 19.4922,
1.3488

■ 25.5430, 60.3713,
3.0318

■ 120.8550, 13.3825,
1.0042

■ 133.2480, 7.2727,
0.6595

■ 145.3420, 1.3104,
-0.2999

■ 157.7350, -4.7994,
-0.6446

■ 169.5410,
-10.6197, -0.4745

■ 181.9340,
-16.7295, -0.8191

Harmonies

Analogous

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



63.3080, 49.6412, -55.5211



71.8700, 37.5321, 1.8680



64.8400, 23.2499, 56.2683

Triad

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



71.8700, 37.5321, 1.8680



66.6920, -32.8792, 45.8741



61.6080, 7.5883, -54.0302

Complementary

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



71.8700, 37.5321, 1.8680



132.1300, -37.5321, -1.8680

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.



54.8480, -13.2361, -48.1017



71.8700, 37.5321, 1.8680



67.0810, -33.0709, 13.9610

Square

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



71.8700, 37.5321, 1.8680



58.1080, -16.8152, 73.5733



58.8870, -29.0313, -21.8259



66.7380, 27.2442, -58.5292

Rectangle

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



71.8700, 37.5321, 1.8680



52.8170, 14.8802, 80.8445



58.8870, -29.0313, -21.8259



59.7840, 0.5995, -52.4306

Sweetspot

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



71.8700, 37.5321, 1.8680



161.1970, 14.6929, 0.7042



110.5130, 18.4811, -47.8079



78.7040, 9.0199, 0.2596



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



71.8700, 37.5321, 1.8680



72.6740, 58.3347, 2.9169



85.3250, 30.8988, 29.5330



68.0970, 2.9102, -0.0851



23.8050, 56.2981, 2.8020



1.7380, 4.0732, 0.2298

Inverse Universe

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



91.9440, 18.7616, 49.1611



103.8670, 29.1526, 76.4156



118.6750, -30.8988, -29.5330



69.7770, 1.5889, 3.7036



53.9160, 28.1424, 73.7417



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 71.8700, 37.5321, 1.8680 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 71.8700, 37.5321, 1.8680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

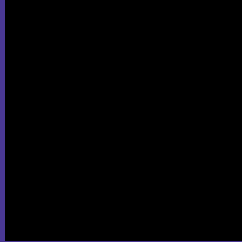
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.8700, 37.5321, 1.8680

Background



This preview shows how black text looks on a background with the YUV color 71.8700, 37.5321, 1.8680.



This preview shows how white text looks on a background with the YUV color 71.8700, 37.5321,

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

71.8700, 37.5321, 1.8680

Protanopia

57.2610, 44.2413, -50.2179

Deuteranopia

57.9160, 34.0584, -50.7923



Tritanopia

69.4050, 5.7163, -13.5102

Trichromacy



Original Color

71.8700, 37.5321, 1.8680

Protanomaly

62.3990, 41.7083, -31.0449

Deuteranomaly

62.7920, 35.5985, -31.3896

Tritanomaly

70.1250, 17.1934, -8.0026

Monochromacy



Original Color

71.8700, 37.5321, 1.8680

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9690, 13.8193, 0.9042

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8700, 37.5321, 1.8680 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(74, 56, 148)` looks like.

```
.text, #text, p{  
    color:rgb(74, 56, 148)  
}
```

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(74, 56, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 56, 148) }
```

Border

The CSS property to change the border of an element to YUV 71.8700, 37.5321, 1.8680 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(74, 56, 148) }
```


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

```
.border{ border-color:rgb(74, 56, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 56, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 56, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 56, 148);  
box-shadow:4px 4px 4px 4px rgb(74, 56,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 71.8700, 37.5321, 1.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 56, 148) }
```

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

```
.background{ background-color: rgb(74, 56,  
148) }
```

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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