

Converting Colors

YUV(71.6420, 36.6585, 2.0680)

Have a look what the booklet for
YUV(71.6420, 36.6585, 2.0680)
contains.

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Color

**YUV(71.6420, 36.6585,
2.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	4A3892
RGB	74, 56, 146
RGB Percent	29%, 22%, 57%
CMY	0.7098, 0.7804, 0.4275
CMYK	0.49, 0.62, 0.00, 0.43
HSL	252°, 45%, 40%
HSV	252°, 62%, 57%
XYZ	9.4265, 6.3595, 27.9248
YIQ	71.6420, -18.1620, 31.8060

Conversions

Conversions Part 2

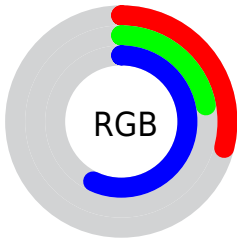
Format	Color
R _Y B	74, 56, 146
Decimal	4864146
CIE Lab	30.30, 31.86, -47.24
CIE LCh	30, 56.980, 304.001
Yxy	6.3595, 0.2157, 0.1455
Android (android.graphics.Color)	4283054226 (0xFF4A3892)
YUV	71.6420, 36.6585, 2.0680
Hunter-Lab	25.2181, 22.5917, -48.0011

Details

The YUV color **71.6420, 36.6585, 2.0680** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **130.3580, -36.6585, -2.0680**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2340, 38.8316, 5.0568**, and **21.3480, 35.8174, -8.1982** is the 20% darker color. If you saturate the color by 10%, you get **59.2490, 42.7682, 2.4126**, and if you desaturate by 10%, it is **84.0350, 30.5487, 1.7233**.

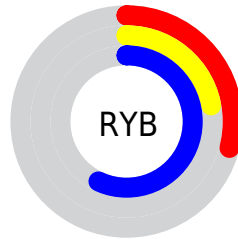
Distribution



Red (29%)

Green (22%)

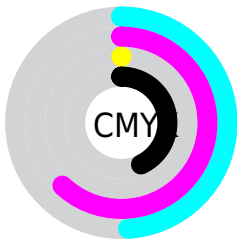
Blue (57%)



Red (29%)

Yellow (22%)

Blue (57%)

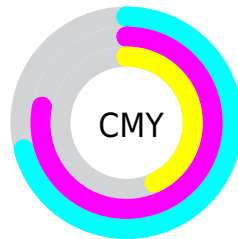


Cyan (49%)

Magenta (62%)

Yellow (0%)

Black (43%)



Cyan (71%)

Magenta (78%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6420, 36.6585, 2.0680 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 71.6420, 36.6585, 2.0680 by changing the saturation by 10% instead.

■ 71.6420, 36.6585,
2.0680

■ 71.6420, 36.6585,
2.0680

■ 255.0000, 0.0000,
0.0000

■ 47.3920, 35.7957,
-1.2208

■ 122.2340, 38.8316,
5.0568

■ 21.3480, 35.8174,
-8.1982

■ 148.4730, 39.6998,
6.6012

■ 7.9800, 30.5759,
-6.9985

■ 175.0710, 39.4050,
7.8307

■ 7.7060, 19.3719,
-6.7582

■ 199.5910, 27.3166,
11.7597

■ 3.4370, 10.6306,
-3.0142

■ 224.6980, 14.9389,
15.1739

■ 0.0000, 0.0000,
0.0000

■ 245.6080, 4.6303,

■ 71.6420, 36.6585,
2.0680

■ 71.6420, 36.6585,
2.0680

■ 59.2490, 42.7682,
2.4126

■ 84.0350, 30.5487,
1.7233

■ 47.7420, 48.4412,
2.8573

■ 95.5420, 24.8758,
1.2787

■ 35.3490, 54.5509,
3.2019

■ 107.9350, 18.7660,
0.9340

■ 25.3150, 59.4977,
3.2317

■ 119.7410, 12.9457,
1.1041

■ 131.8350, 6.9833,
0.1447

■ 144.2280, 0.8736,
-0.2000

■ 156.0340, -4.9468,
-0.0298

■ 168.1280,
-10.9091, -0.9893

■ 179.9340,
-16.7295, -0.8191

Harmonies

Analogous

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



62.9660, 48.3308, -55.2212



71.6420, 36.6585, 2.0680



65.3020, 22.5291, 54.1091

Triad

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



71.6420, 36.6585, 2.0680



66.3930, -32.7317, 45.2593



61.4940, 7.1515, -53.9302

Complementary

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



71.6420, 36.6585, 2.0680



130.3580, -36.6585, -2.0680

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.



54.3750, -12.5099, -47.6869



71.6420, 36.6585, 2.0680



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.



71.6420, 36.6585, 2.0680



58.9830, -17.2466, 71.9289



58.5990, -28.8893, -20.6963



66.5100, 26.3706, -58.3293

Rectangle

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



71.6420, 36.6585, 2.0680



52.1050, 14.7382, 79.7149



58.5990, -28.8893, -20.6963



59.1970, 0.8889, -51.9158

Sweetspot

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



71.6420, 36.6585, 2.0680



160.9690, 13.8193, 0.9042



108.5240, 18.4757, -46.0635



77.4760, 8.1463, 0.4595



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



71.6420, 36.6585, 2.0680



73.3320, 57.0243, 3.2168



85.0970, 30.0252, 29.7329



68.0970, 2.9102, -0.0851



24.1040, 56.1507, 3.4168



1.7380, 4.0732, 0.2298

Inverse Universe

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



91.1180, 18.1828, 48.1315



103.6280, 28.2844, 74.8712



116.9030, -30.0252, -29.7329



69.6630, 1.1521, 3.8035



53.8020, 27.7056, 73.8416



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 71.6420, 36.6585, 2.0680 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 71.6420, 36.6585, 2.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

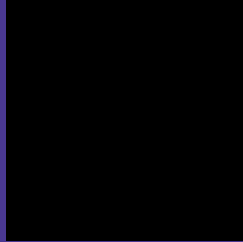
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.6420, 36.6585, 2.0680

Background



This preview shows how black text looks on a background with the YUV color 71.6420, 36.6585, 2.0680.



This preview shows how white text looks on a background with the YUV color 71.6420, 36.6585,

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

71.6420, 36.6585, 2.0680

Protanopia

57.1470, 43.8045, -50.1179

Deuteranopia

57.3290, 34.3478, -50.2775



Tritanopia

69.7040, 5.5689, -12.8954

Trichromacy



Original Color

71.6420, 36.6585, 2.0680

Protanomaly

62.2850, 41.2715, -30.9449

Deuteranomaly

62.6780, 35.1617, -31.2896

Tritanomaly

70.4240, 17.0460, -7.3878

Monochromacy



Original Color

71.6420, 36.6585, 2.0680

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8550, 13.3825, 1.0042

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6420, 36.6585, 2.0680 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(74, 56, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 56, 146) }
```

Border

The CSS property to change the border of an element to YUV 71.6420, 36.6585, 2.0680 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, 146) }
```


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

```
.border{ border-color:rgb(74, 56, 146) }
```

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, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 56, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 56, 146);  
box-shadow:4px 4px 4px 4px rgb(74, 56,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 71.6420, 36.6585, 2.0680 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, 146) }
```

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

```
.background{ background-color: rgb(74, 56,  
146) }
```

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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