

Converting Colors

YUV(73.4690, 89.4948, -4.7963)

Have a look what the booklet for
YUV(73.4690, 89.4948, -4.7963)
contains.

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Color

**YUV(73.4690, 89.4948,
-4.7963)**

Conversions

Conversions Part 1

Format	Color
Hex	4429FF
RGB	68, 41, 255
RGB Percent	27%, 16%, 100%
CMY	0.7333, 0.8392, 0.0000
CMYK	0.73, 0.84, 0.00, 0.00
HSL	248°, 100%, 58%
HSV	248°, 84%, 100%
XYZ	21.2268, 10.0348, 95.4259
YIQ	73.4690, -52.6020, 72.2780

Conversions

Conversions Part 2

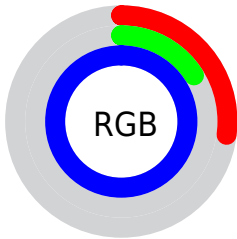
Format	Color
R _Y B	68, 41, 255
Decimal	4467199
CIE Lab	37.90, 71.01, -98.46
CIE LCh	38, 121.391, 305.799
Yxy	10.0348, 0.1676, 0.0792
Android (android.graphics.Color)	4282657279 (0xFF4429FF)
YUV	73.4690, 89.4948, -4.7963
Hunter-Lab	31.6778, 64.1742, -156.4302

Details

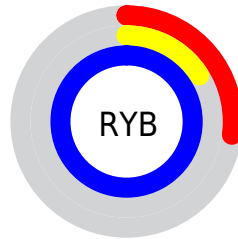
The YUV color **73.4690, 89.4948, -4.7963** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **222.5310, -89.4948, 4.7963**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8910, 62.6647, 14.1276**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **52.2160, 99.9725, -5.4514**, and if you desaturate by 10%, it is **94.7220, 79.0171, -4.1412**.

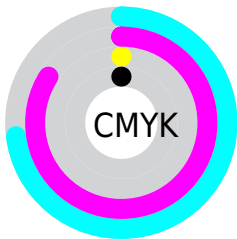
Distribution



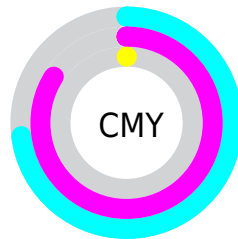
- Red (27%)
- Green (16%)
- Blue (100%)



- Red (27%)
- Yellow (16%)
- Blue (100%)



- Cyan (73%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (84%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.4690, 89.4948, -4.7963 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 73.4690, 89.4948, -4.7963 by changing the saturation by 10% instead.

■ 73.4690, 89.4948,
-4.7963

■ 73.4690, 89.4948,
-4.7963

255.0000, 0.0000,
0.0000

■ 29.1720, 96.5432,
-25.5838

■ 127.8910, 62.6647,
14.1276

■ 22.3440, 85.6124,
-19.5957

■ 153.6070, 49.9867,
20.5157

■ 19.1520, 73.3821,
-16.7963

■ 179.0240, 37.4562,
26.2890

■ 16.0740, 61.5885,
-14.0969

■ 205.3270, 24.4888,
32.1622

■ 17.1050, 47.7692,
-15.0011

■ 225.6500, 14.4696,
25.7400

■ 17.0760, 34.9655,
-14.9757

■ 242.6730, 6.0772,

■ 11.4050, 25.9293,

10.8108

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 73.4690, 89.4948,
-4.7963

■ 73.4690, 89.4948,
-4.7963

■ 52.2160, 99.9725,
-5.4514

■ 94.7220, 79.0171,
-4.1412

■ 38.6380, 106.6665,
-5.8215

■ 116.8610, 68.1025,
-3.3861

■ 138.7010, 57.3354,
-3.2458

■ 159.9540, 46.8577,
-2.5907

■ 181.7940, 36.0906,
-2.4503

■ 203.3460, 25.4654,
-1.1804

■ 225.1860, 14.6983,
-1.0401

■ 246.4390, 4.2206,
-0.3850

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



89.5310, 81.5762, -78.5187



73.4690, 89.4948, -4.7963



82.3980, 44.1738, 111.9070

Triad

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



73.4690, 89.4948, -4.7963



75.1850, -37.0662, 82.2758



82.0510, 12.2999, -71.9587

Complementary

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



73.4690, 89.4948, -4.7963



222.5310, -89.4948, 4.7963

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.



68.0920, -33.5694, -59.7167



73.4690, 89.4948, -4.7963



82.3980, -40.6222, 9.2980

Square

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



73.4690, 89.4948, -4.7963



66.6770, -32.8718, 137.0953



64.5700, -31.8330, -56.6279



95.0980, 54.6747, -83.4009

Rectangle

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



73.4690, 89.4948, -4.7963



83.7730, 11.9439, 136.1341



64.5700, -31.8330, -56.6279



77.4740, -2.6987, -67.9447

Sweetspot

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



73.4690, 89.4948, -4.7963



200.6880, 26.7758, -1.4804



176.3390, 38.7799, -118.6923



94.9410, 16.2981, -0.8253



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.



73.4690, 89.4948, -4.7963



38.6380, 106.6665, -5.8215



104.8640, 74.0170, 59.7553



116.7810, 5.5310, -0.6849



28.9500, 79.8907, -4.3412



9.6880, 26.7758, -1.4804

Inverse Universe

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



126.3040, 50.1361, 112.8664



101.6670, 59.8172, 134.4730



191.1360, -74.0170, -59.7553



120.1410, 2.8885, 6.8923



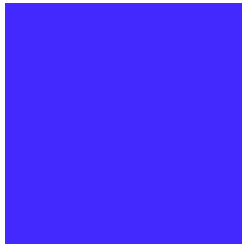
76.1470, 44.7905, 100.7261



25.5200, 15.0266, 33.7470

Previews

White Background



This preview shows how the YUV color 73.4690, 89.4948, -4.7963 looks on a white background.

Color Contrast Check

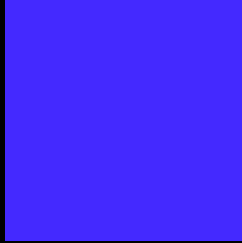
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 73.4690, 89.4948, -4.7963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 73.4690, 89.4948, -4.7963

Background



This preview shows how black text looks on a background with the YUV color 73.4690, 89.4948, -4.7963.



This preview shows how white text looks on a background with the YUV color 73.4690, 89.4948, -4.7963.

-4.7963.

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

73.4690, 89.4948, -4.7963

Protanopia

70.3010, 53.5886, -61.6540

Deuteranopia

70.7450, 40.0587, -62.0434



Tritanopia

69.3820, 17.0667, -60.8480

Trichromacy



Original Color

73.4690, 89.4948, -4.7963

Protanomaly

71.5760, 66.7640, -40.8472

Deuteranomaly

71.8720, 57.7441, -41.1067

Tritanomaly

70.8000, 43.4826, -40.1666

Monochromacy



Original Color

73.4690, 89.4948, -4.7963

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.8820, 32.5962, -1.6505

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.4690, 89.4948, -4.7963 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(68, 41, 255)` looks like.

```
.text, #text, p{  
    color:rgb(68, 41, 255)  
}
```

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(68, 41, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 41, 255) }
```

Border

The CSS property to change the border of an element to YUV 73.4690, 89.4948, -4.7963 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(68, 41, 255) }
```


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

```
.border{ border-color:rgb(68, 41, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 41, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 41, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 41, 255);  
box-shadow:4px 4px 4px 4px rgb(68, 41,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 73.4690, 89.4948, -4.7963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 41, 255) }
```

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

```
.background{ background-color: rgb(68, 41,  
255) }
```

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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