

Converting Colors

YUV(68.5010, 74.1960, 2.1916)

Have a look what the booklet for
YUV(68.5010, 74.1960, 2.1916)
contains.

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Color

**YUV(68.5010, 74.1960,
2.1916)**

Conversions

Conversions Part 1

Format	Color
Hex	4726DB
RGB	71, 38, 219
RGB Percent	28%, 15%, 86%
CMY	0.7216, 0.8510, 0.1412
CMYK	0.68, 0.83, 0.00, 0.14
HSL	251°, 72%, 50%
HSV	251°, 83%, 86%
XYZ	16.0778, 7.8403, 67.6838
YIQ	68.5010, -38.4330, 63.2870

Conversions

Conversions Part 2

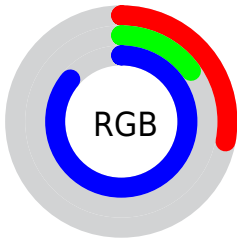
Format	Color
R _Y B	71, 38, 219
Decimal	4663003
CIE Lab	33.65, 62.52, -85.09
CIE LCh	34, 105.590, 306.309
Yxy	7.8403, 0.1755, 0.0856
Android (android.graphics.Color)	4282853083 (0xFF4726DB)
YUV	68.5010, 74.1960, 2.1916
Hunter-Lab	28.0005, 53.4933, -123.7173

Details

The YUV color **68.5010, 74.1960, 2.1916** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **188.4990, -74.1960, -2.1916**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.4610, 64.8487, 13.6277**, and **18.4680, 70.7613, -16.1964** is the 20% darker color. If you saturate the color by 10%, you get **50.2050, 83.2159, 2.4512**, and if you desaturate by 10%, it is **86.7970, 65.1761, 1.9320**.

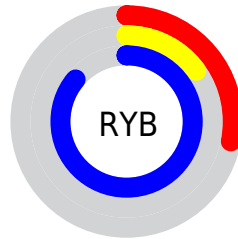
Distribution



 Red (28%)

 Green (15%)

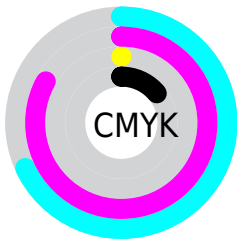
 Blue (86%)




 Red (28%)

 Yellow (15%)

 Blue (86%)

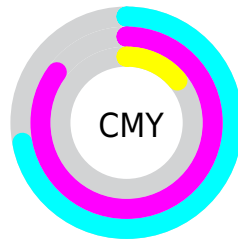


 Cyan (68%)

 Magenta (83%)

 Yellow (0%)

 Black (14%)



 Cyan (72%)

 Magenta (85%)

 Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.5010, 74.1960, 2.1916 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 68.5010, 74.1960, 2.1916 by changing the saturation by 10% instead.

■ 68.5010, 74.1960,
2.1916

■ 68.5010, 74.1960,
2.1916

■ 255.0000, 0.0000,
0.0000

■ 30.5750, 78.5965,
-9.2743

■ 123.4610, 64.8487,
13.6277

■ 18.4680, 70.7613,
-16.1964

■ 148.5790, 52.4656,
18.7862

■ 15.3900, 58.9677,
-13.4970

■ 173.6970, 40.0824,
23.9447

■ 12.4260, 47.6110,
-10.8976

■ 198.8150, 27.6992,
29.1032

■ 15.9190, 33.0709,
-13.9610

■ 222.1280, 16.2059,
28.8287

■ 10.2480, 24.0347,
-8.9875

■ 239.1510, 7.8136,

■ 5.2780, 15.1459,

13.8996

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 68.5010, 74.1960,
2.1916

■ 68.5010, 74.1960,
2.1916

■ 50.2050, 83.2159,
2.4512

■ 86.7970, 65.1761,
1.9320

■ 36.9260, 89.7625,
2.6959

■ 105.0930, 56.1562,
1.6724

■ 123.3890, 47.1362,
1.4128

■ 141.6850, 38.1163,
1.1533

■ 159.3940, 29.3858,
1.4085

■ 177.3910, 20.5132,
0.5341

■ 195.6870, 11.4933,
0.2745

■ 213.9830, 2.4734,
0.0149

■ 232.2790, -6.5465,
-0.2447

Harmonies

Analogous

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



81.6720, 84.4647, -71.6263



68.5010, 74.1960, 2.1916



71.7030, 38.1074, 97.6075

Triad

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



68.5010, 74.1960, 2.1916



68.9060, -33.9707, 69.3654



73.1660, 11.2572, -64.1666

Complementary

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



68.5010, 74.1960, 2.1916



188.4990, -74.1960, -2.1916

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.



60.4610, -29.8073, -53.0243



68.5010, 74.1960, 2.1916



73.2390, -36.1068, 7.6834

Square

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



68.5010, 74.1960, 2.1916



58.0060, -28.5970, 119.2667



57.5260, -28.3603, -50.4503



83.8020, 46.9326, -73.4944

Rectangle

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



68.5010, 74.1960, 2.1916



72.9080, 10.3984, 118.4757



57.5260, -28.3603, -50.4503



69.1590, -1.5574, -60.6524

Sweetspot

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



68.5010, 74.1960, 2.1916



201.8840, 26.1862, 0.9787



147.2710, 35.3624, -95.8307



95.5390, 16.0033, 0.4043



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.



68.5010, 74.1960, 2.1916



45.4820, 103.2924, 3.0853



94.8130, 61.2242, 56.2920



100.8520, 4.5100, 0.1298



29.2900, 70.8490, 2.3767



7.6360, 18.9135, 0.3192

Inverse Universe

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



108.9910, 37.9654, 96.4779



101.8320, 52.8338, 134.3283



162.1870, -61.2242, -56.2920



103.3150, 2.3097, 5.8627



67.9150, 36.5239, 92.1595



18.0860, 9.8176, 24.4806

Previews

White Background



This preview shows how the YUV color 68.5010, 74.1960, 2.1916 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 68.5010, 74.1960, 2.1916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

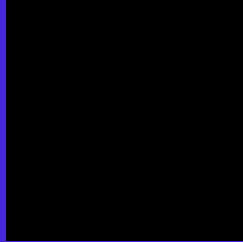
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.5010, 74.1960, 2.1916

Background



This preview shows how black text looks on a background with the YUV color 68.5010, 74.1960, 2.1916.



This preview shows how white text looks on a background with the YUV color 68.5010, 74.1960,

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

68.5010, 74.1960, 2.1916

Protanopia

62.8520, 47.8940, -55.1212

Deuteranopia

63.0510, 35.9639, -55.2957



Tritanopia

62.2580, 15.1558, -54.6003

Trichromacy



Original Color

68.5010, 74.1960, 2.1916

Protanomaly

64.8020, 57.2856, -34.0294

Deuteranomaly

64.8530, 49.8655, -34.0741

Tritanomaly

64.7100, 36.6250, -33.9487

Monochromacy



Original Color

68.5010, 74.1960, 2.1916

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1120, 27.0598, 0.7788

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.5010, 74.1960, 2.1916 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(71, 38, 219)` looks like.

```
.text, #text, p{  
    color:rgb(71, 38, 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(71, 38, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 38, 219) }
```

Border

The CSS property to change the border of an element to YUV 68.5010, 74.1960, 2.1916 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(71, 38, 219) }
```


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

```
.border{ border-color:rgb(71, 38, 219) }
```

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

Here you see how a box with a 4 pixel rgb(71, 38, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 38, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 38, 219);  
box-shadow:4px 4px 4px 4px rgb(71, 38,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 68.5010, 74.1960, 2.1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 38, 219) }
```

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

```
.background{ background-color: rgb(71, 38,  
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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