

Converting Colors

YUV(71.6840, 2.6208, -0.5999)

Have a look what the booklet for
YUV(71.6840, 2.6208, -0.5999)
contains.

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Color

**YUV(71.6840, 2.6208,
-0.5999)**

Conversions

Conversions Part 1

Format	Color
Hex	47474D
RGB	71, 71, 77
RGB Percent	28%, 28%, 30%
CMY	0.7216, 0.7216, 0.6980
CMYK	0.08, 0.08, 0.00, 0.70
HSL	240°, 4%, 29%
HSV	240°, 8%, 30%
XYZ	6.1913, 6.3819, 7.9267
YIQ	71.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

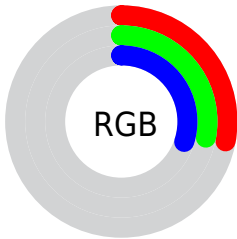
Format	Color
RYB	71, 71, 77
Decimal	4671309
CIELab	30.36, 1.37, -3.59
CIElCh	30, 3.838, 290.895
Yxy	6.3819, 0.3020, 0.3113
Android (android.graphics.Color)	4282861389 (0xFF47474D)
YUV	71.6840, 2.6208, -0.5999
Hunter-Lab	25.2624, -0.4623, -0.9200

Details

The YUV color **71.6840, 2.6208, -0.5999** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **76.3160, -2.6208, 0.5999**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.7980, 3.0576, -0.6998**, and **28.5700, 2.1840, -0.4999** is the 20% darker color. If you saturate the color by 10%, you get **64.5960, 6.1152, -1.3997**, and if you desaturate by 10%, it is **78.7720, -0.8736, 0.2000**.

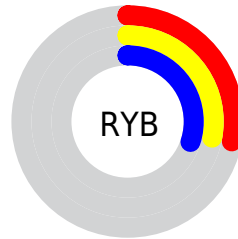
Distribution



Red (28%)

Green (28%)

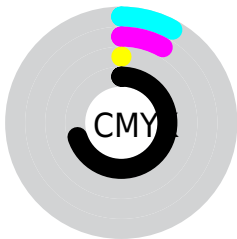
Blue (30%)



Red (28%)

Yellow (28%)

Blue (30%)

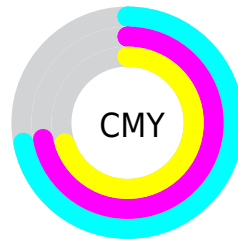


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (70%)



Cyan (72%)

Magenta (72%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6840, 2.6208, -0.5999 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 71.6840, 2.6208, -0.5999 by changing the saturation by 10% instead.

■ 71.6840, 2.6208,
-0.5999

■ 71.6840, 2.6208,
-0.5999

255.0000, 0.0000,
0.0000

■ 49.5700, 2.1840,
-0.4999

■ 119.7980, 3.0576,
-0.6998

■ 28.5700, 2.1840,
-0.4999

■ 145.7980, 3.0576,
-0.6998

■ 2.0260, 3.9312,
-0.8998

■ 172.0970, 2.9102,
-0.0851

■ 0.0000, 0.0000,
0.0000

■ 199.7980, 3.0576,
-0.6998

■ 227.7980, 3.0576,
-0.6998

■ 71.6840, 2.6208,
-0.5999

■ 71.6840, 2.6208,
-0.5999

■ 64.5960, 6.1152,
-1.3997

■ 78.7720, -0.8736,
0.2000

■ 58.3940, 9.1728,
-2.0995

■ 84.9740, -3.9312,
0.8998

■ 51.3060, 12.6671,
-2.8994

■ 92.0620, -7.4256,
1.6996

■ 44.2180, 16.1615,
-3.6992

■ 99.1500, -10.9199,
2.4995

■ 38.0160, 19.2191,
-4.3990

■ 106.2380,
-14.4143, 3.2993

■ 30.9280, 22.7135,
-5.1989

■ 112.4400,
-17.4719, 3.9991

■ 23.8400, 26.2079,
-5.9987

■ 119.5280,
-20.9663, 4.7989

■ 16.7520, 29.7023,

■ 126.6160,

-6.7985

-24.4607, 5.5988

■ 10.5500, 32.7599,
-7.4984

■ 132.8180,
-27.5183, 6.2986

Harmonies

Analogous

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



71.0750, 2.9210, -3.5738



71.6840, 2.6208, -0.5999



72.0650, 1.4470, 2.5740

Triad

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



71.6840, 2.6208, -0.5999



71.7510, -2.3422, 4.6034



70.2660, -0.1311, -4.6183

Complementary

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



71.6840, 2.6208, -0.5999



76.3160, -2.6208, 0.5999

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.



70.9350, -1.4470, -2.5740



71.6840, 2.6208, -0.5999



71.6260, -2.7736, 2.9590

Square

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



71.6840, 2.6208, -0.5999



72.2780, -1.6161, 5.0182



71.3160, -2.6208, 0.5999



70.3090, 1.3267, -5.5330

Rectangle

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



71.6840, 2.6208, -0.5999



72.1360, 0.4260, 3.3887



71.3160, -2.6208, 0.5999



70.4510, -0.7153, -3.9035

Sweetspot

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



71.6840, 2.6208, -0.5999



97.2280, 0.8736, -0.2000



75.2060, 0.8844, -3.6887



50.1140, 0.4368, -0.1000



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



71.6840, 2.6208, -0.5999



91.0260, 3.9312, -0.8998



72.5810, 2.1786, 1.2445



34.4560, 1.7472, -0.3999



11.6280, 44.5534, -10.1978



26.2200, 100.4635, -22.9949

Inverse Universe

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



73.4780, 1.7363, 3.0888



93.7170, 2.6045, 4.6332



75.4190, -2.1786, -1.2445



35.6520, 1.1576, 2.0592



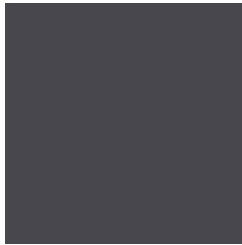
42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Previews

White Background



This preview shows how the YUV color 71.6840, 2.6208, -0.5999 looks on a white background.

Color Contrast Check

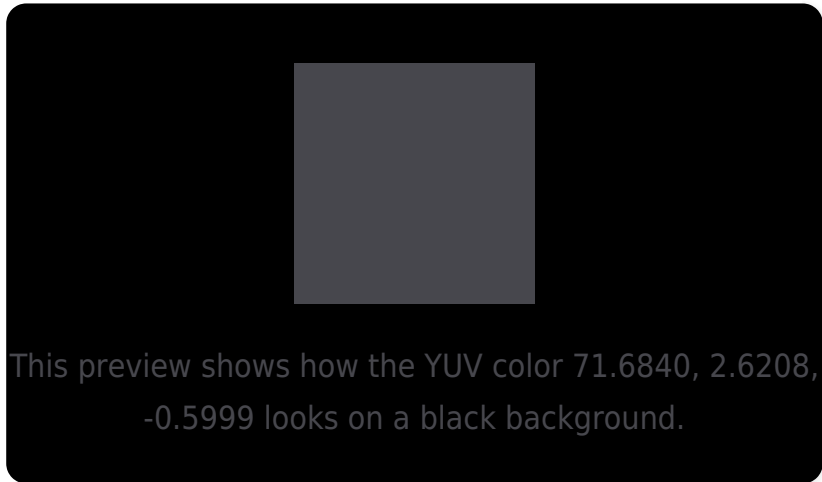
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

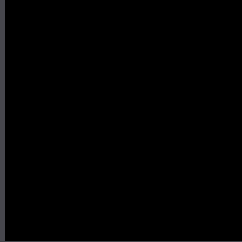
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.6840, 2.6208, -0.5999

Background



This preview shows how black text looks on a background with the YUV color 71.6840, 2.6208, -0.5999.



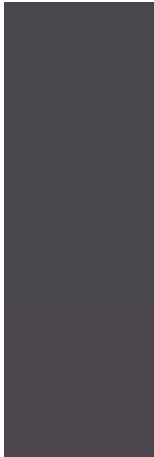
This preview shows how white text looks on a background with the YUV color 71.6840, 2.6208,

-0.5999.

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

71.6840, 2.6208, -0.5999

Protanopia

71.6840, 2.6208, -0.5999

Deuteranopia

72.0050, 2.4625, 3.5036



Tritanopia

71.6840, 2.6208, -0.5999

Trichromacy



Original Color

71.6840, 2.6208, -0.5999

Protanomaly

71.6840, 2.6208, -0.5999

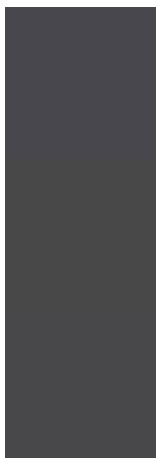
Deuteranomaly

71.9940, 2.4680, 1.7593

Tritanomaly

71.6840, 2.6208, -0.5999

Monochromacy



Original Color

71.6840, 2.6208, -0.5999

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.2280, 0.8736, -0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6840, 2.6208, -0.5999 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, 71, 77)` looks like.

```
.text, #text, p{  
    color:rgb(71, 71, 77)  
}
```

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, 71, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 71, 77) }
```

Border

The CSS property to change the border of an element to YUV 71.6840, 2.6208, -0.5999 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, 71, 77) }
```


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

```
.border{ border-color:rgb(71, 71, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 71, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 71, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 71, 77);  
box-shadow:4px 4px 4px 4px rgb(71, 71, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.6840, 2.6208, -0.5999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 71, 77) }
```

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

```
.background{ background-color: rgb(71, 71,  
77) }
```

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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