

Converting Colors

YUV(72.4770, 3.2158, -4.8033)

Have a look what the booklet for
YUV(72.4770, 3.2158, -4.8033)
contains.

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Color

**YUV(72.4770, 3.2158,
-4.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	434A4F
RGB	67, 74, 79
RGB Percent	26%, 29%, 31%
CMY	0.7373, 0.7098, 0.6902
CMYK	0.15, 0.06, 0.00, 0.69
HSL	205°, 8%, 29%
HSV	205°, 15%, 31%
XYZ	6.1748, 6.6554, 8.3563
YIQ	72.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

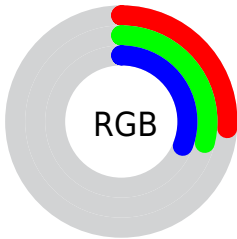
Format	Color
RYB	67, 71, 79
Decimal	4409935
CIELab	31.01, -1.62, -3.94
CIELCh	31, 4.264, 247.607
Yxy	6.6554, 0.2915, 0.3141
Android (android.graphics.Color)	4282600015 (0xFF434A4F)
YUV	72.4770, 3.2158, -4.8033
Hunter-Lab	25.7980, -2.4222, -1.1462

Details

The YUV color **72.4770, 3.2158, -4.8033** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **73.5230, -3.2158, 4.8033**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.1780, 3.3632, -5.4181**, and **28.7760, 3.0684, -4.1886** is the 20% darker color. If you saturate the color by 10%, you get **68.3240, 5.2633, -8.1771**, and if you desaturate by 10%, it is **76.6300, 1.1684, -1.4295**.

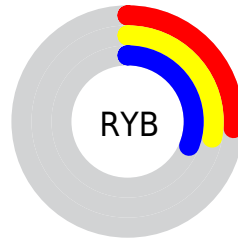
Distribution



Red (26%)

Green (29%)

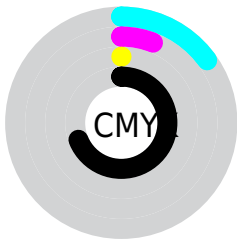
Blue (31%)



Red (26%)

Yellow (28%)

Blue (31%)

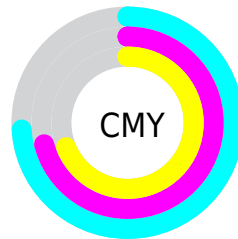


Cyan (15%)

Magenta (6%)

Yellow (0%)

Black (69%)



Cyan (74%)

Magenta (71%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.4770, 3.2158, -4.8033 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 72.4770, 3.2158, -4.8033 by changing the saturation by 10% instead.

■ 72.4770, 3.2158,
-4.8033

■ 72.4770, 3.2158,
-4.8033

■ 255.0000, 0.0000,
0.0000

■ 49.7760, 3.0684,
-4.1886

■ 121.1780, 3.3632,
-5.4181

■ 28.7760, 3.0684,
-4.1886

■ 146.5910, 3.6526,
-4.9033

■ 4.4170, 4.2314,
-3.8737

■ 173.2920, 3.8000,
-5.5181

■ 0.0000, 0.0000,
0.0000

■ 200.2920, 3.8000,
-5.5181

■ 228.4060, 4.2368,
-5.6181

■ 253.8040, 0.5896,

-2.4591

■ 72.4770, 3.2158,
-4.8033

■ 72.4770, 3.2158,
-4.8033

■ 68.3240, 5.2633,
-8.1771

■ 76.6300, 1.1684,
-1.4295

■ 63.5840, 7.6001,
-11.0362

■ 81.3700, -1.1684,
1.4295

■ 59.4310, 9.6475,
-14.4100

■ 85.5230, -3.2158,
4.8033

■ 55.2780, 11.6949,
-17.7838

■ 89.6760, -5.2633,
8.1771

■ 51.4240, 13.5950,
-20.5428

■ 93.8290, -7.3107,
11.5510

■ 46.6840, 15.9318,
-23.4019

■ 98.2700, -9.5001,
13.7952

■ 42.5310, 17.9792,
-26.7757

■ 102.4230,
-11.5475, 17.1690

■ 38.3780, 20.0266,
-30.1495

■ 106.5760,
-13.5950, 20.5428

■ 36.0080, 21.1951,
-31.5790

■ 111.3160,
-15.9318, 23.4019

Harmonies

Analogous

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



72.2380, 2.3477, -6.3477



72.4770, 3.2158, -4.8033



73.0860, 2.9156, -1.8294

Triad

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



72.4770, 3.2158, -4.8033



73.8050, -0.8899, 5.4330



72.4190, -2.1786, -1.2445

Complementary

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



72.4770, 3.2158, -4.8033



73.5230, -3.2158, 4.8033

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.



72.8000, -3.3524, 1.9294



72.4770, 3.2158, -4.8033



73.4630, -2.2003, 5.7329

Square

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



72.4770, 3.2158, -4.8033



73.6630, 1.1521, 3.8035



73.2240, -3.0684, 4.1886



72.0380, -1.0047, -4.4183

Rectangle

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



72.4770, 3.2158, -4.8033



73.0970, 2.9102, -0.0851



73.2240, -3.0684, 4.1886



72.6040, -2.7628, -0.5297

Sweetspot

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



72.4770, 3.2158, -4.8033



99.3310, 1.3158, -2.0443



74.6140, -1.2887, -6.6775



49.5160, 0.7316, -1.3295



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.



72.4770, 3.2158, -4.8033



91.9220, 4.9685, -6.9476



68.9550, 4.9522, -1.7145



36.2170, 0.8790, -1.9443



46.8480, 27.1899, -41.0857



104.8780, 61.6851, -91.9780

Inverse Universe

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



71.3860, 1.2887, 6.6775



90.5220, 1.7147, 10.0662



77.0450, -4.9522, 1.7145



35.5380, 0.7208, 2.1592



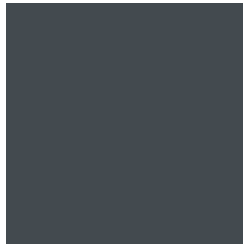
37.3380, 11.1724, 56.7086



84.0460, 24.6273, 128.0017

Previews

White Background



This preview shows how the YUV color 72.4770, 3.2158, -4.8033 looks on a white background.

Color Contrast Check

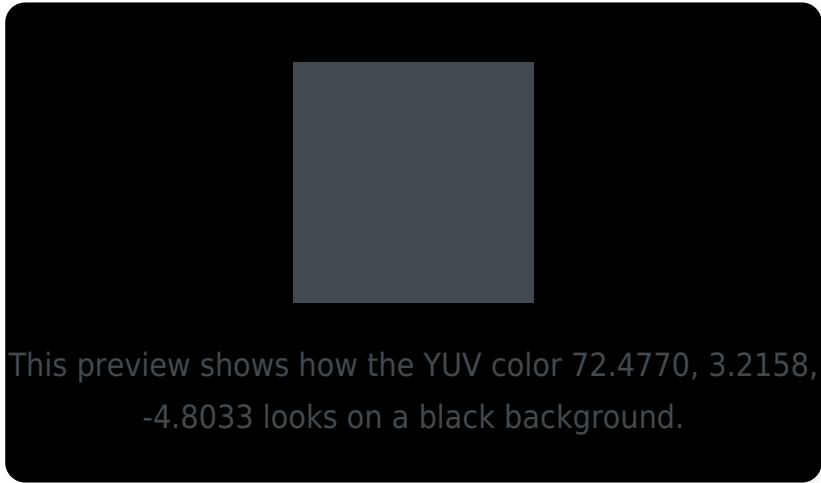
Large Text (above 18pt) WCAG AA ✓ Pass

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

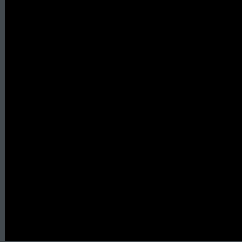
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

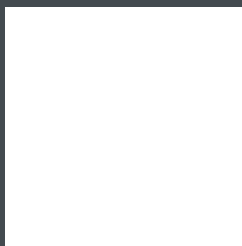
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 72.4770, 3.2158, -4.8033

Background



This preview shows how black text looks on a background with the YUV color 72.4770, 3.2158, -4.8033.



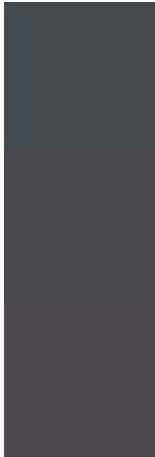
This preview shows how white text looks on a background with the YUV color 72.4770, 3.2158, -4.8033.

-4.8033.

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

72.4770, 3.2158, -4.8033

Protanopia

72.9830, 2.4734, 0.0149

Deuteranopia

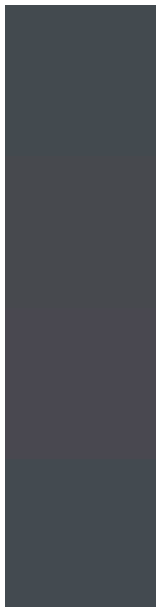
73.8200, 3.0467, 2.7889



Tritanopia

72.5910, 3.6526, -4.9033

Trichromacy



Original Color

72.4770, 3.2158, -4.8033

Protanomaly

72.9720, 2.4788, -1.7294

Deuteranomaly

73.2110, 3.3470, -0.1850

Tritanomaly

72.5910, 3.6526, -4.9033

Monochromacy



Original Color

72.4770, 3.2158, -4.8033

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.3310, 1.3158, -2.0443

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.4770, 3.2158, -4.8033 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(67, 74, 79)` looks like.

```
.text, #text, p{  
    color:rgb(67, 74, 79)  
}
```

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(67, 74, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 74, 79) }
```

Border

The CSS property to change the border of an element to YUV 72.4770, 3.2158, -4.8033 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(67, 74, 79) }
```


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

```
.border{ border-color:rgb(67, 74, 79) }
```

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

Here you see how a box with a 4 pixel rgb(67, 74, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 74, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 74, 79);  
box-shadow:4px 4px 4px 4px rgb(67, 74, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.4770, 3.2158, -4.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 74, 79) }
```

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

```
.background{ background-color: rgb(67, 74,  
79) }
```

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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