

Converting Colors

YUV(73.5700, 2.1840, -0.4999)

Have a look what the booklet for
YUV(73.5700, 2.1840, -0.4999)
contains.

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Color

**YUV(73.5700, 2.1840,
-0.4999)**

Conversions

Conversions Part 1

Format	Color
Hex	49494E
RGB	73, 73, 78
RGB Percent	29%, 29%, 31%
CMY	0.7137, 0.7137, 0.6941
CMYK	0.06, 0.06, 0.00, 0.69
HSL	240°, 3%, 30%
HSV	240°, 6%, 31%
XYZ	6.5053, 6.7316, 8.1642
YIQ	73.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

Format	Color
R_{YB}	73, 73, 78
Decimal	4802894
CIE Lab	31.19, 1.13, -2.98
CIE LCh	31, 3.185, 290.766
Yxy	6.7316, 0.3040, 0.3145
Android (android.graphics.Color)	4282992974 (0xFF49494E)
YUV	73.5700, 2.1840, -0.4999
Hunter-Lab	25.9454, -0.6486, -0.4950

Details

The YUV color **73.5700, 2.1840, -0.4999** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **77.4300, -2.1840, 0.4999**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.5700, 2.1840, -0.4999**, and **30.1570, 1.8946, -1.0147** is the 20% darker color. If you saturate the color by 10%, you get **66.4820, 5.6784, -1.2997**, and if you desaturate by 10%, it is **80.6580, -1.3104, 0.2999**.

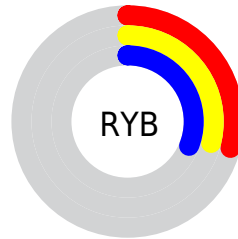
Distribution



 Red (29%)

 Green (29%)

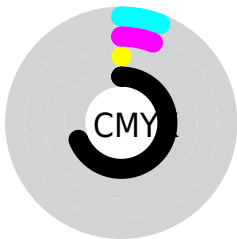
 Blue (31%)



 Red (29%)

 Yellow (29%)

 Blue (31%)

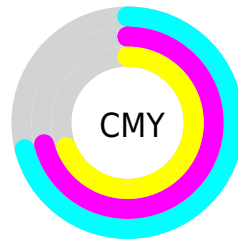


 Cyan (6%)

 Magenta (6%)

 Yellow (0%)

 Black (69%)



 Cyan (71%)

 Magenta (71%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.5700, 2.1840, -0.4999 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 73.5700, 2.1840, -0.4999 by changing the saturation by 10% instead.

■ 73.5700, 2.1840,
-0.4999

■ 73.5700, 2.1840,
-0.4999

■ 255.0000, 0.0000,
0.0000

■ 51.4560, 1.7472,
-0.3999

■ 122.5700, 2.1840,
-0.4999

■ 30.1570, 1.8946,
-1.0147

■ 147.6840, 2.6208,
-0.5999

■ 4.9120, 3.4944,
-0.7998

■ 174.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 201.6840, 2.6208,
-0.5999

■ 229.6840, 2.6208,
-0.5999

■ 73.5700, 2.1840,
-0.4999

■ 73.5700, 2.1840,
-0.4999

■ 66.4820, 5.6784,
-1.2997

■ 80.6580, -1.3104,
0.2999

■ 59.3940, 9.1728,
-2.0995

■ 87.7460, -4.8048,
1.0998

■ 53.1920, 12.2303,
-2.7994

■ 93.9480, -7.8624,
1.7996

■ 46.1040, 15.7247,
-3.5992

■ 101.0360,
-11.3567, 2.5994

■ 39.0160, 19.2191,
-4.3990

■ 108.1240,
-14.8511, 3.3993

■ 31.9280, 22.7135,
-5.1989

■ 115.2120,
-18.3455, 4.1991

■ 24.8400, 26.2079,
-5.9987

■ 122.3000,
-21.8399, 4.9989

■ 18.6380, 29.2655,

■ 128.5020,

-6.6985

-24.8975, 5.6987

■ 11.5500, 32.7599,
-7.4983

■ 135.5900,
-28.3919, 6.4986

Harmonies

Analogous

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



73.2600, 2.3368, -2.8590



73.5700, 2.1840, -0.4999



73.7660, 1.5944, 1.9592

Triad

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



73.5700, 2.1840, -0.4999



73.5660, -1.7580, 3.8886



72.5650, -0.2785, -4.0035

Complementary

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



73.5700, 2.1840, -0.4999



77.4300, -2.1840, 0.4999

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.



72.6470, -1.3050, -1.4444



73.5700, 2.1840, -0.4999



73.4410, -2.1894, 2.2442

Square

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



73.5700, 2.1840, -0.4999



74.0930, -1.0318, 4.3034



73.4300, -2.1840, 0.4999



72.6080, 1.1793, -4.9182

Rectangle

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



73.5700, 2.1840, -0.4999



74.1360, 0.4260, 3.3887



73.4300, -2.1840, 0.4999



72.8640, -0.4260, -3.3887

Sweetspot

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



73.5700, 2.1840, -0.4999



100.2280, 0.8736, -0.2000



76.5050, 0.7370, -3.0739



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.



73.5700, 2.1840, -0.4999



94.9120, 3.4944, -0.7998



74.4670, 1.7418, 1.3444



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.



75.0650, 1.4470, 2.5740



97.3040, 2.3151, 4.1184



76.8320, -1.8892, -0.7297



35.6520, 1.1576, 2.0592



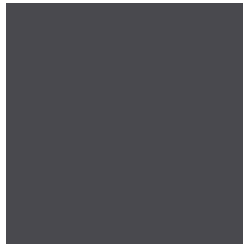
42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Previews

White Background



This preview shows how the YUV color 73.5700, 2.1840, -0.4999 looks on a white background.

Color Contrast Check

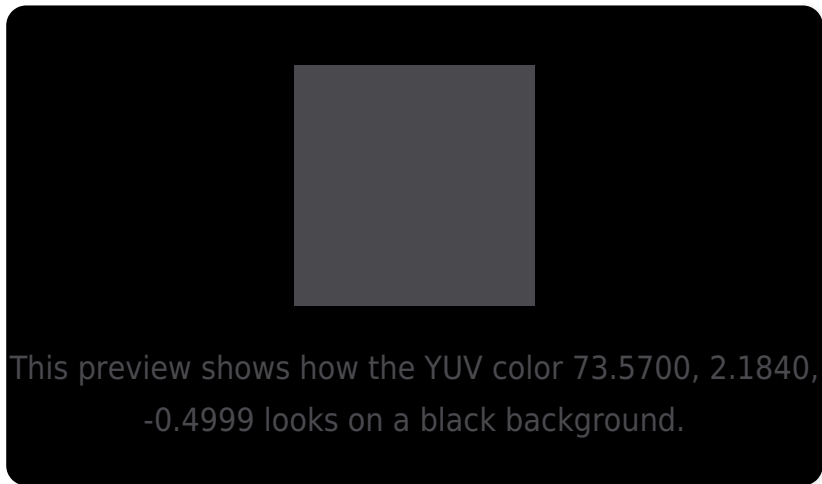
Large Text (above 18pt) WCAG AA ✓ Pass

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

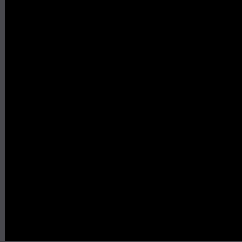
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.5700, 2.1840, -0.4999

Background



This preview shows how black text looks on a background with the YUV color 73.5700, 2.1840, -0.4999.



This preview shows how white text looks on a background with the YUV color 73.5700, 2.1840,

-0.4999.

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

73.5700, 2.1840, -0.4999

Protanopia

73.5700, 2.1840, -0.4999

Deuteranopia

73.8910, 2.0257, 3.6036



Tritanopia

73.6840, 2.6208, -0.5999

Trichromacy



Original Color

73.5700, 2.1840, -0.4999

Protanomaly

73.5700, 2.1840, -0.4999

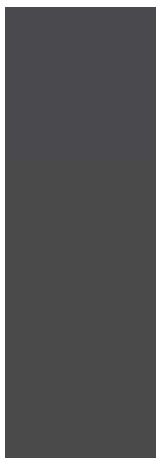
Deuteranomaly

73.8800, 2.0312, 1.8592

Tritanomaly

73.6840, 2.6208, -0.5999

Monochromacy



Original Color

73.5700, 2.1840, -0.4999

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.5700, 2.1840, -0.4999 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(73, 73, 78)` looks like.

```
.text, #text, p{  
    color:rgb(73, 73, 78)  
}
```

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(73, 73, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 73, 78) }
```

Border

The CSS property to change the border of an element to YUV 73.5700, 2.1840, -0.4999 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(73, 73, 78) }
```


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

```
.border{ border-color:rgb(73, 73, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 73, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 73, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 73, 78);  
box-shadow:4px 4px 4px 4px rgb(73, 73, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.5700, 2.1840, -0.4999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 73, 78) }
```

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

```
.background{ background-color: rgb(73, 73,  
78) }
```

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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