

Converting Colors

YUV(73.7870, 3.0630, -2.4442)

Have a look what the booklet for
YUV(73.7870, 3.0630, -2.4442)
contains.

YUV(73.7870, 3.0630, -2.4442)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(73.7870, 3.0630,
-2.4442)**

Conversions

Conversions Part 1

Format	Color
Hex	474A50
RGB	71, 74, 80
RGB Percent	28%, 29%, 31%
CMY	0.7216, 0.7098, 0.6863
CMYK	0.11, 0.07, 0.00, 0.69
HSL	220°, 6%, 30%
HSV	220°, 11%, 31%
XYZ	6.4953, 6.8163, 8.5628
YIQ	73.7870, -3.7140, 1.2300

Conversions

Conversions Part 2

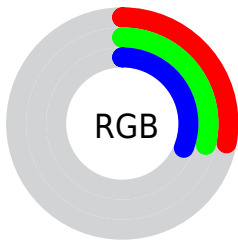
Format	Color
RYB	71, 73, 80
Decimal	4672080
CIELab	31.39, 0.17, -3.99
CIElCh	31, 3.992, 272.495
Yxy	6.8163, 0.2969, 0.3116
Android (android.graphics.Color)	4282862160 (0xFF474A50)
YUV	73.7870, 3.0630, -2.4442
Hunter-Lab	26.1081, -1.2813, -1.1698

Details

The YUV color **73.7870, 3.0630, -2.4442** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **77.2130, -3.0630, 2.4442**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.4880, 3.2104, -3.0590**, and **30.0860, 2.9156, -1.8294** is the 20% darker color. If you saturate the color by 10%, you get **68.4600, 5.6892, -4.7884**, and if you desaturate by 10%, it is **79.1140, 0.4368, -0.1000**.

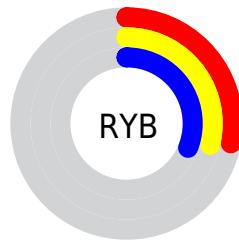
Distribution



Red (28%)

Green (29%)

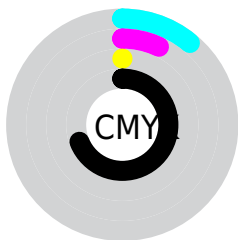
Blue (31%)



Red (28%)

Yellow (29%)

Blue (31%)

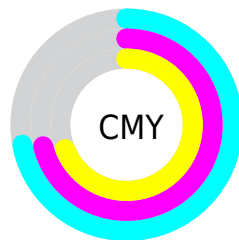


Cyan (11%)

Magenta (7%)

Yellow (0%)

Black (69%)



Cyan (72%)

Magenta (71%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.7870, 3.0630, -2.4442 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 73.7870, 3.0630, -2.4442 by changing the saturation by 10% instead.

■ 73.7870, 3.0630,
-2.4442

■ 73.7870, 3.0630,
-2.4442

■ 255.0000, 0.0000,
0.0000

■ 51.0860, 2.9156,
-1.8294

■ 122.4880, 3.2104,
-3.0590

■ 30.0860, 2.9156,
-1.8294

■ 147.9010, 3.4998,
-2.5442

■ 4.8300, 4.5208,
-3.3589

■ 174.9010, 3.4998,
-2.5442

■ 0.0000, 0.0000,
0.0000

■ 202.0150, 3.9366,
-2.6442

■ 230.0150, 3.9366,
-2.6442

■ 73.7870, 3.0630,
-2.4442

■ 73.7870, 3.0630,
-2.4442

■ 68.4600, 5.6892,
-4.7884

■ 79.1140, 0.4368,
-0.1000

■ 62.5460, 8.6048,
-6.6178

■ 85.0280, -2.4788,
1.7294

■ 57.2190, 11.2310,
-8.9621

■ 90.3550, -5.1050,
4.0737

■ 51.8920, 13.8572,
-11.3063

■ 95.6820, -7.7312,
6.4179

■ 45.9780, 16.7728,
-13.1357

■ 101.5960,
-10.6468, 8.2473

■ 40.6510, 19.3991,
-15.4799

■ 106.9230,
-13.2730, 10.5915

■ 35.3240, 22.0253,
-17.8241

■ 112.2500,
-15.8993, 12.9358

■ 29.4100, 24.9409,

■ 118.1640,

-19.6536

-18.8149, 14.7652

■ 24.9690, 27.1303,
-21.8978

■ 123.4910,
-21.4411, 17.1094

Harmonies

Analogous

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



73.3630, 2.7790, -4.7034



73.7870, 3.0630, -2.4442



74.2820, 2.3260, 0.6297

Triad

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



73.7870, 3.0630, -2.4442



74.5770, -1.7635, 5.6330



72.7500, -0.8628, -3.2887

Complementary

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



73.7870, 3.0630, -2.4442



77.2130, -3.0630, 2.4442

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.



73.7180, -2.3260, -0.6297



73.7870, 3.0630, -2.4442



74.2240, -3.0684, 4.1886

Square

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



73.7870, 3.0630, -2.4442



74.6200, -0.3057, 4.7183



73.9140, -2.9156, 1.8294



73.0810, 0.4531, -5.3330

Rectangle

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



73.7870, 3.0630, -2.4442



74.1790, 1.8838, 2.4740



73.9140, -2.9156, 1.8294



72.9350, -1.4470, -2.5740

Sweetspot

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



73.7870, 3.0630, -2.4442



102.0430, 1.4578, -0.9147



76.9670, 0.0163, -5.2331



51.9290, 1.0210, -0.8147



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



73.7870, 3.0630, -2.4442



94.6450, 5.1050, -4.0737



72.3250, 3.7838, -0.2850



38.0430, 1.4578, -0.9147



32.5150, 35.7351, -28.5157



71.6470, 79.0540, -62.8344

Inverse Universe

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



74.0330, -0.0163, 5.2331



95.0550, -0.0271, 8.7218



78.3760, -3.6364, -0.3298



38.3100, -0.1528, 2.3591



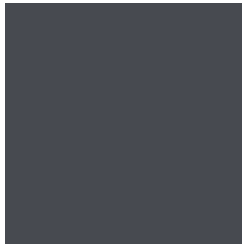
35.3850, -0.1898, 61.0524



78.1460, -0.5650, 134.9300

Previews

White Background



This preview shows how the YUV color 73.7870, 3.0630, -2.4442 looks on a white background.

Color Contrast Check

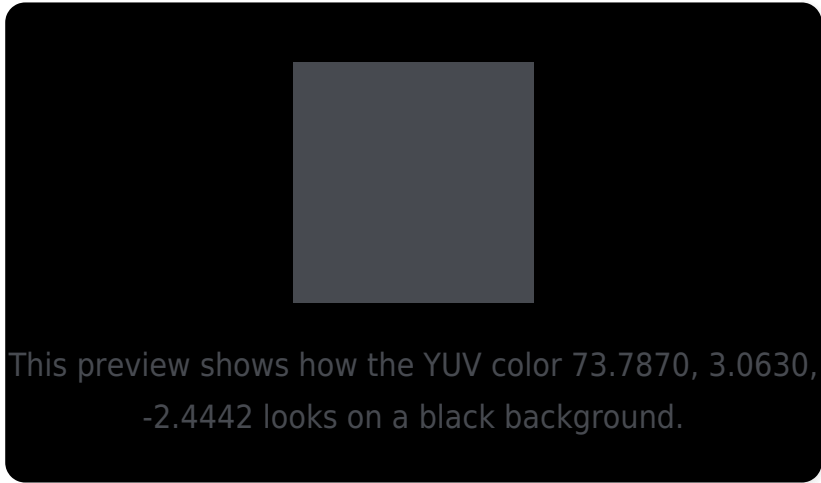
Large Text (above 18pt) WCAG AA ✓ Pass

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

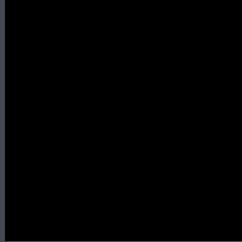
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

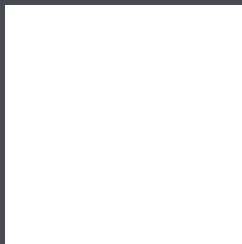
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 73.7870, 3.0630, -2.4442

Background



This preview shows how black text looks on a background with the YUV color 73.7870, 3.0630, -2.4442.



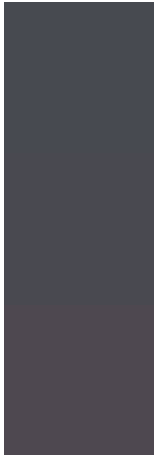
This preview shows how white text looks on a background with the YUV color 73.7870, 3.0630,

-2.4442.

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

73.7870, 3.0630, -2.4442

Protanopia

73.7980, 3.0576, -0.6998

Deuteranopia

74.7060, 2.6099, 2.8888



Tritanopia

73.7870, 3.0630, -2.4442

Trichromacy



Original Color

73.7870, 3.0630, -2.4442

Protanomaly

73.4990, 3.2050, -1.3146

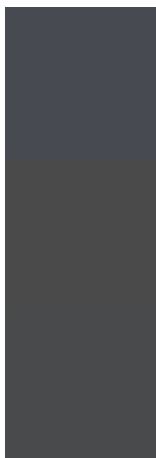
Deuteranomaly

74.3960, 2.7628, 0.5297

Tritanomaly

73.7870, 3.0630, -2.4442

Monochromacy



Original Color

73.7870, 3.0630, -2.4442

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.9290, 1.0210, -0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7870, 3.0630, -2.4442 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, 74, 80)` looks like.

```
.text, #text, p{  
    color:rgb(71, 74, 80)  
}
```

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, 74, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 74, 80) }
```

Border

The CSS property to change the border of an element to YUV 73.7870, 3.0630, -2.4442 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, 74, 80) }
```


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

```
.border{ border-color:rgb(71, 74, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 74, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 74, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 74, 80);  
box-shadow:4px 4px 4px 4px rgb(71, 74, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.7870, 3.0630, -2.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 74, 80) }
```

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

```
.background{ background-color: rgb(71, 74,  
80) }
```

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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