

Converting Colors

YUV(72.7870, -0.3880, -15.5992)

Have a look what the booklet for
YUV(72.7870, -0.3880, -15.5992)
contains.

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Color

**YUV(72.7870, -0.3880,
-15.5992)**

Conversions

Conversions Part 1

Format	Color
Hex	375248
RGB	55, 82, 72
RGB Percent	22%, 32%, 28%
CMY	0.7843, 0.6784, 0.7176
CMYK	0.33, 0.00, 0.12, 0.68
HSL	158°, 20%, 27%
HSV	158°, 33%, 32%
XYZ	5.7625, 7.3147, 7.2390
YIQ	72.7870, -12.8820, -8.8340

Conversions

Conversions Part 2

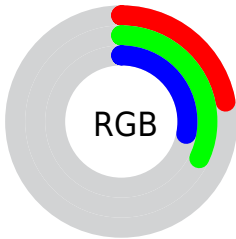
Format	Color
RYB	55, 72, 82
Decimal	3625544
CIELab	32.51, -12.68, 2.62
CIElCh	33, 12.951, 168.325
Yxy	7.3147, 0.2836, 0.3600
Android (android.graphics.Color)	4281815624 (0xFF375248)
YUV	72.7870, -0.3880, -15.5992
Hunter-Lab	27.0457, -9.2975, 3.0624

Details

The YUV color **72.7870, -0.3880, -15.5992** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **64.2130, 0.3880, 15.5992**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.9610, -0.9668, -16.6288**, and **28.3140, 0.3382, -15.1844** is the 20% darker color. If you saturate the color by 10%, you get **70.0530, -0.5191, -20.2175**, and if you desaturate by 10%, it is **75.5210, -0.2569, -10.9809**.

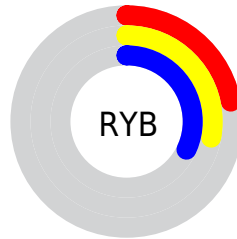
Distribution



Red (22%)

Green (32%)

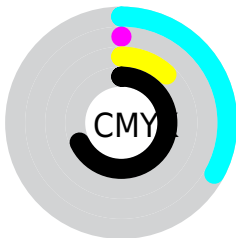
Blue (28%)



Red (22%)

Yellow (28%)

Blue (32%)

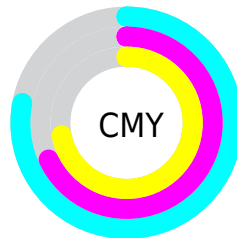


Cyan (33%)

Magenta (0%)

Yellow (12%)

Black (68%)



Cyan (78%)

Magenta (68%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.7870, -0.3880, -15.5992 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 72.7870, -0.3880, -15.5992 by changing the saturation by 10% instead.

■ 72.7870, -0.3880,
-15.5992

■ 72.7870, -0.3880,
-15.5992

■ 255.0000, 0.0000,
0.0000

■ 50.2000, -0.0986,
-15.0844

■ 121.9610, -0.9668,
-16.6288

■ 28.3140, 0.3382,
-15.1844

■ 147.6620, -0.8194,
-17.2436

■ 9.6200, -3.7567,
-8.4367

■ 174.3630, -0.6720,
-17.8584

■ 0.0000, 0.0000,
0.0000

■ 201.3630, -0.6720,
-17.8584

■ 229.9500, -0.9613,
-18.3731

■ 249.6180, 2.6533,

-11.0660

■ 72.7870, -0.3880,
-15.5992

■ 72.7870, -0.3880,
-15.5992

■ 70.0530, -0.5191,
-20.2175

■ 75.5210, -0.2569,
-10.9809

■ 67.3190, -0.6503,
-24.8358

■ 78.2550, -0.1257,
-6.3626

■ 64.2860, -0.6340,
-30.0688

■ 81.2880, -0.1420,
-1.1296

■ 61.5520, -0.7651,
-34.6871

■ 84.0220, -0.0108,
3.4887

■ 58.8180, -0.8963,
-39.3054

■ 86.7560, 0.1203,
8.1070

■ 56.0840, -1.0274,
-43.9237

■ 89.4900, 0.2514,
12.7253

■ 54.0620, -1.0166,
-47.4124

■ 92.2240, 0.3826,
17.3436

■ 95.2570, 0.3663,
22.5766

■ 97.9910, 0.4974,
27.1949

Harmonies

Analogous

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



73.8760, -5.3619, -6.9073



72.7870, -0.3880, -15.5992



71.8340, 5.0118, -20.9024

Triad

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



72.7870, -0.3880, -15.5992



76.7960, 9.4676, -3.3291



77.1500, -7.4689, 15.6545

Complementary

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



72.7870, -0.3880, -15.5992



64.2130, 0.3880, 15.5992

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.



77.6000, -3.2538, 17.0138



72.7870, -0.3880, -15.5992



78.2380, 5.7987, 6.8073

Square

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



72.7870, -0.3880, -15.5992



74.9580, 10.3737, -13.9952



78.4300, 1.2670, 13.6549



76.2480, -9.4893, 10.3065

Rectangle

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



72.7870, -0.3880, -15.5992



72.6320, 8.0694, -21.6023



78.4300, 1.2670, 13.6549



77.0900, -6.4534, 16.5841

Sweetspot

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



72.7870, -0.3880, -15.5992



103.2550, -0.1257, -6.3626



73.8390, -9.2876, -7.7518



51.5650, -0.2785, -4.0035



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.



72.7870, -0.3880, -15.5992



92.3190, -0.6503, -24.8358



72.1660, 4.8482, -15.0546



39.5760, -0.2840, -2.2592



69.1590, -1.5574, -60.6524



152.8280, -3.3662, -134.0302

Inverse Universe

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



64.2130, 0.3880, 15.5992



78.6810, 0.6503, 24.8358



64.8340, -4.8482, 15.0546



38.3100, -0.1528, 2.3591



35.8410, 1.5574, 60.6524



79.1720, 3.3662, 134.0302

Previews

White Background



This preview shows how the YUV color 72.7870, -0.3880, -15.5992 looks on a white background.

Color Contrast Check

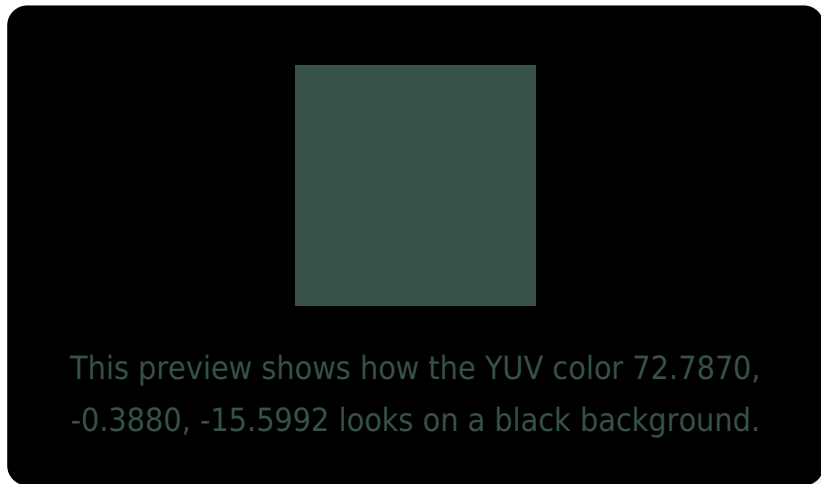
Large Text (above 18pt) WCAG AA ✓ Pass

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

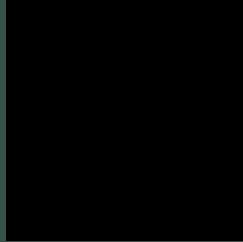
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.7870, -0.3880, -15.5992

Background



This preview shows how black text looks on a background with the YUV color 72.7870, -0.3880, -15.5992.



This preview shows how white text looks on a background with the YUV color 72.7870, -0.3880, -15.5992.

-15.5992.

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

72.7870, -0.3880, -15.5992

Protanopia

76.0990, -3.4998, 2.5442

Deuteranopia

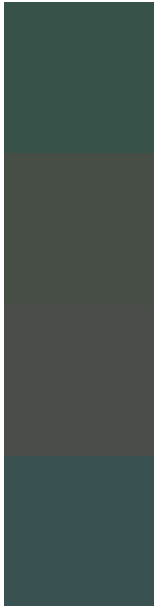
77.2890, -1.6215, 6.7625



Tritanopia

74.1060, 5.8637, -14.1250

Trichromacy



Original Color

72.7870, -0.3880, -15.5992

Protanomaly

74.6960, -2.3151, -4.1184

Deuteranomaly

75.6470, -1.3050, -1.4444

Tritanomaly

73.8240, 3.5378, -14.7546

Monochromacy



Original Color

72.7870, -0.3880, -15.5992

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.6680, 0.1637, -5.8478

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7870, -0.3880, -15.5992 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(55, 82, 72)` looks like.

```
.text, #text, p{  
    color:rgb(55, 82, 72)  
}
```

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(55, 82, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 82, 72) }
```

Border

The CSS property to change the border of an element to YUV 72.7870, -0.3880, -15.5992 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(55, 82, 72) }
```


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

```
.border{ border-color:rgb(55, 82, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 82, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 82, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 82, 72);  
box-shadow:4px 4px 4px 4px rgb(55, 82, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.7870, -0.3880, -15.5992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 82, 72) }
```

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

```
.background{ background-color: rgb(55, 82,  
72) }
```

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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