

Converting Colors

YUV(42.7790, -1.3700, 19.4878)

Have a look what the booklet for
YUV(42.7790, -1.3700, 19.4878)
contains.

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Color

**YUV(42.7790, -1.3700,
19.4878)**

Conversions

Conversions Part 1

Format	Color
Hex	412028
RGB	65, 32, 40
RGB Percent	25%, 13%, 16%
CMY	0.7451, 0.8745, 0.8431
CMYK	0.00, 0.51, 0.38, 0.75
HSL	345°, 34%, 19%
HSV	345°, 51%, 25%
XYZ	3.0795, 2.3100, 2.2911
YIQ	42.7790, 17.1000, 9.4840

Conversions

Conversions Part 2

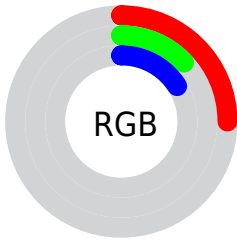
Format	Color
R_{YB}	65, 32, 40
Decimal	4268072
CIE Lab	17.04, 17.00, 1.75
CIE LCh	17, 17.088, 5.862
Yxy	2.3100, 0.4009, 0.3008
Android (android.graphics.Color)	4282458152 (0xFF412028)
YUV	42.7790, -1.3700, 19.4878
Hunter-Lab	15.1988, 9.5686, 1.7018

Details

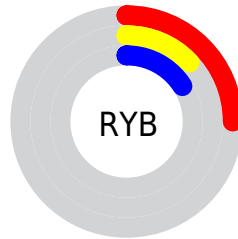
The YUV color **42.7790, -1.3700, 19.4878** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **54.2210, 1.3700, -19.4878**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.9750, -1.9597, 21.9469**, and **3.2890, -1.6215, 6.7625** is the 20% darker color. If you saturate the color by 10%, you get **38.6870, -1.8177, 23.0765**, and if you desaturate by 10%, it is **47.4580, -1.2118, 15.3843**.

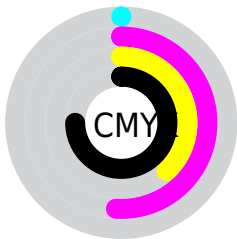
Distribution



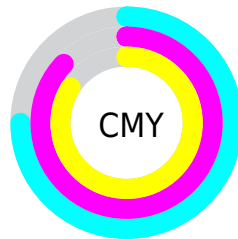
- Red (25%)
- Green (13%)
- Blue (16%)



- Red (25%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (51%)
- Yellow (38%)
- Black (75%)



- Cyan (75%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7790, -1.3700, 19.4878 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 42.7790, -1.3700, 19.4878 by changing the saturation by 10% instead.

■ 42.7790, -1.3700,
19.4878

■ 42.7790, -1.3700,
19.4878

■ 255.0000, 0.0000,
0.0000

■ 21.2950, -0.6384,
18.1583

■ 88.9750, -1.9597,
21.9469

■ 3.2890, -1.6215,
6.7625

■ 113.5730, -2.2545,
23.1765

■ 0.0000, 0.0000,
0.0000

■ 139.1710, -2.5493,
24.4060

■ 165.8830, -2.4073,
25.5356

■ 193.1820, -2.5547,
26.1504

■ 221.3670, -3.1389,

26.8651

242.0060, 0.9830,
11.3957

42.7790, -1.3700,
19.4878

42.7790, -1.3700,
19.4878

38.6870, -1.8177,
23.0765

47.4580, -1.2118,
15.3843

34.0080, -1.9759,
27.1800

51.5500, -0.7641,
11.7957

29.3290, -2.1342,
31.2835

56.2290, -0.6059,
7.6922

25.2370, -2.5818,
34.8722

60.3210, -0.1583,
4.1035

21.2590, -2.5927,
38.3609

65.0000, 0.0000,
0.0000

■ 69.0920, 0.4476,
-3.5887

■ 73.6570, 0.1691,
-7.5922

■ 77.7490, 0.6167,
-11.1809

■ 81.8410, 1.0644,
-14.7696

Harmonies

Analogous

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



43.5270, 4.1772, 13.5698



42.7790, -1.3700, 19.4878



42.2860, -7.0430, 19.0432

Triad

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



42.7790, -1.3700, 19.4878



39.0890, -8.4249, -4.4631



34.2980, 14.6431, -30.0793

Complementary

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



42.7790, -1.3700, 19.4878



54.2210, 1.3700, -19.4878

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.



34.5600, 10.5699, -30.3091



42.7790, -1.3700, 19.4878



37.2060, -2.5666, -16.8437

Square

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



42.7790, -1.3700, 19.4878



40.6450, -11.6570, 5.5733



33.1920, 5.3283, -29.1094



40.2510, 12.6943, -11.6211

Rectangle

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



42.7790, -1.3700, 19.4878



41.5800, -9.6529, 16.1543



33.1920, 5.3283, -29.1094



34.6570, 13.4801, -30.3942

Sweetspot

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



42.7790, -1.3700, 19.4878



75.9300, -0.4585, 7.0774



43.2370, 10.7292, 12.0702



38.2070, -0.5951, 4.2035



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



42.7790, -1.3700, 19.4878



49.6170, -2.2762, 30.1539



46.5630, -7.1796, 16.1692



31.0110, -0.0054, 1.7444



31.6250, -4.2521, 57.3339



73.1320, -9.4321, 132.3112

Inverse Universe

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



42.7790, -1.3700, 19.4878



49.6170, -2.2762, 30.1539



50.4370, 7.1796, -16.1692



31.0110, -0.0054, 1.7444



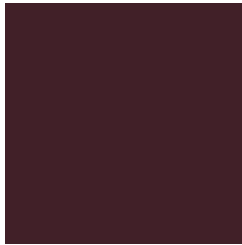
31.6250, -4.2521, 57.3339



73.1320, -9.4321, 132.3112

Previews

White Background



This preview shows how the YUV color 42.7790, -1.3700, 19.4878 looks on a white background.

Color Contrast Check

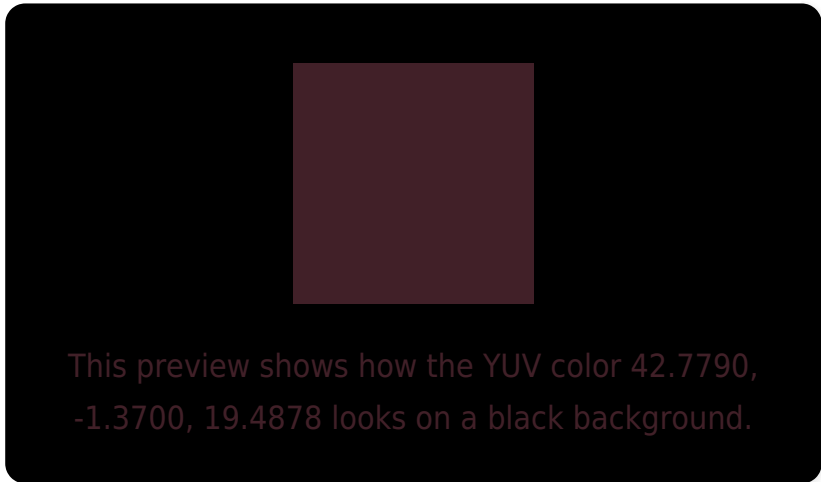
Large Text (above 18pt) WCAG AA ✓ Pass

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

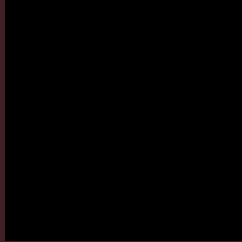
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.7790, -1.3700, 19.4878

Background



This preview shows how black text looks on a background with the YUV color 42.7790, -1.3700, 19.4878.



This preview shows how white text looks on a background with the YUV color 42.7790, -1.3700,

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

42.7790, -1.3700, 19.4878

Protanopia

42.4560, 1.7472, -0.3999

Deuteranopia

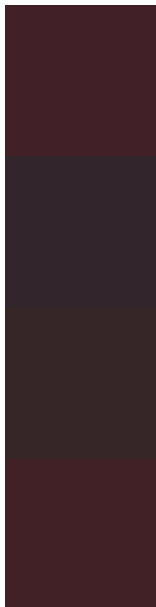
42.8650, -1.9054, 4.5034



Tritanopia

42.7960, -3.8434, 19.4729

Trichromacy



Original Color

42.7790, -1.3700, 19.4878

Protanomaly

42.2720, 0.8519, 6.7775

Deuteranomaly

42.8980, -1.9217, 9.7365

Tritanomaly

43.0240, -2.9698, 19.2730

Monochromacy



Original Color

42.7790, -1.3700, 19.4878

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.9300, -0.4585, 7.0774

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7790, -1.3700, 19.4878 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(65, 32, 40)` looks like.

```
.text, #text, p{  
    color:rgb(65, 32, 40)  
}
```

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(65, 32, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 32, 40) }
```

Border

The CSS property to change the border of an element to YUV 42.7790, -1.3700, 19.4878 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(65, 32, 40) }
```


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

```
.border{ border-color:rgb(65, 32, 40) }
```

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

Here you see how a box with a 4 pixel rgb(65, 32, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 32, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 32, 40);  
box-shadow:4px 4px 4px 4px rgb(65, 32, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.7790, -1.3700, 19.4878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 32, 40) }
```

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

```
.background{ background-color: rgb(65, 32,  
40) }
```

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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