

Converting Colors

YUV(49.7630, -17.1382,
37.0418)

Have a look what the booklet for
YUV(49.7630, -17.1382, 37.0418)
contains.

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Color

**YUV(49.7630, -17.1382,
37.0418)**

Conversions

Conversions Part 1

Format	Color
Hex	5C230F
RGB	92, 35, 15
RGB Percent	36%, 14%, 6%
CMY	0.6392, 0.8627, 0.9412
CMYK	0.00, 0.62, 0.84, 0.64
HSL	16°, 72%, 21%
HSV	16°, 84%, 36%
XYZ	5.1009, 3.5119, 0.8609
YIQ	49.7630, 40.3920, 5.8640

Conversions

Conversions Part 2

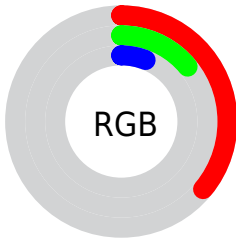
Format	Color
R_{YB}	92, 42, 15
Decimal	6038287
CIE Lab	21.99, 24.86, 25.59
CIE LCh	22, 35.681, 45.833
Yxy	3.5119, 0.5384, 0.3707
Android (android.graphics.Color)	4284228367 (0xFF5C230F)
YUV	49.7630, -17.1382, 37.0418
Hunter-Lab	18.7400, 15.7915, 10.3941

Details

The YUV color **49.7630, -17.1382, 37.0418** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **57.2370, 17.1382, -37.0418**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.6990, -20.0646, 42.3600**, and **12.5580, -6.1911, 25.8206** is the 20% darker color. If you saturate the color by 10%, you get **44.6280, -19.0436, 41.5452**, and if you desaturate by 10%, it is **54.8980, -15.2327, 32.5385**.

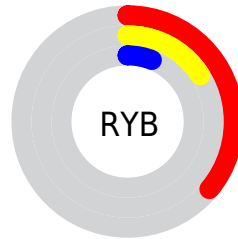
Distribution



Red (36%)

Green (14%)

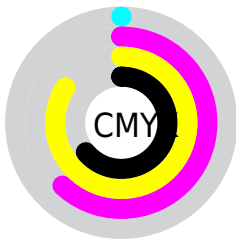
Blue (6%)



Red (36%)

Yellow (16%)

Blue (6%)

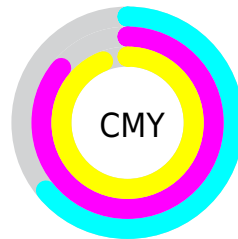


Cyan (0%)

Magenta (62%)

Yellow (84%)

Black (64%)



Cyan (64%)

Magenta (86%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.7630, -17.1382, 37.0418 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 49.7630, -17.1382, 37.0418 by changing the saturation by 10% instead.

■ 49.7630, -17.1382,
37.0418

■ 49.7630, -17.1382,
37.0418

■ 253.2900, -6.5520,
1.4997

■ 26.7780, -13.2016,
34.3977

■ 98.6990, -20.0646,
42.3600

■ 12.5580, -6.1911,
25.8206

■ 123.7810,
-21.0910, 44.9191

■ 0.0000, 0.0000,
0.0000


■ 150.5640,
-21.9701, 46.8634


■ 177.6460,
-22.9965, 49.4225


■ 203.3250,
-22.8382, 45.3190


■ 222.2520,


-18.8582, 28.7200


 242.4670,
-15.0202, 10.9914


 49.7630, -17.1382,
37.0418


 49.7630, -17.1382,
37.0418


 44.6280, -19.0436,
41.5452


 54.8980, -15.2327,
32.5385

 41.5960, -20.5068,
44.2043

 60.0330, -13.3273,
28.0351

 64.6950, -10.6956,
23.9465

 69.8300, -8.7902,
19.4431

 74.9650, -6.8847,
14.9397

■ 80.1000, -4.9793,
10.4363

■ 85.2350, -3.0739,
5.9329

■ 89.8970, -0.4422,
1.8443

■ 95.0320, 1.4632,
-2.6591

Harmonies

Analogous

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



48.8360, -4.3561, 43.9938



49.7630, -17.1382, 37.0418



50.0140, -24.6569, 21.9127

Triad

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



49.7630, -17.1382, 37.0418



42.0140, -1.4859, -36.8463



47.7730, 27.7199, -24.3569

Complementary

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



49.7630, -17.1382, 37.0418



57.2370, 17.1382, -37.0418

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.



46.4890, 28.3529, -40.7709



49.7630, -17.1382, 37.0418



45.6790, 10.0183, -40.0605

Square

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



49.7630, -17.1382, 37.0418



42.8560, -15.2120, -20.9217



47.2410, 21.0802, -41.4304



54.3820, 17.5597, 14.5740

Rectangle

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



49.7630, -17.1382, 37.0418



49.3500, -24.3295, 10.2171



47.2410, 21.0802, -41.4304



43.7820, 30.6735, -38.3968

Sweetspot

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



49.7630, -17.1382, 37.0418



103.6660, -6.7373, 14.3249



44.6350, 13.9839, 41.5391



51.3170, -4.1003, 8.4920



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



49.7630, -17.1382, 37.0418



54.0770, -26.6600, 57.8145



72.0690, -28.1350, 17.4795



43.6690, -1.3158, 2.0443



49.3260, -24.3177, 53.2111



107.2570, -52.8777, 113.7846

Inverse Universe

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



57.2370, 17.1382, -37.0418



65.9230, 26.6600, -57.8145



34.9310, 28.1350, -17.4795



43.9180, 1.0264, -2.5591



60.0870, 24.6071, -52.6963



130.3300, 52.5883, -114.2994

Previews

White Background



This preview shows how the YUV color 49.7630, -17.1382, 37.0418 looks on a white background.

Color Contrast Check

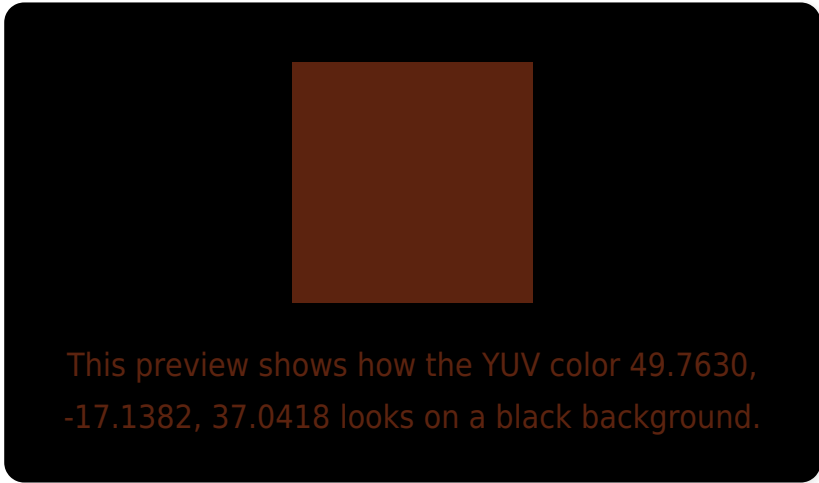
Large Text (above 18pt) WCAG AA ✓ Pass

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

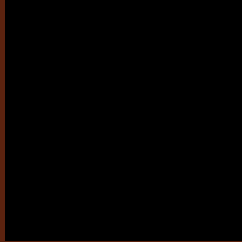
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.7630, -17.1382, 37.0418

Background



This preview shows how black text looks on a background with the YUV color 49.7630, -17.1382, 37.0418.

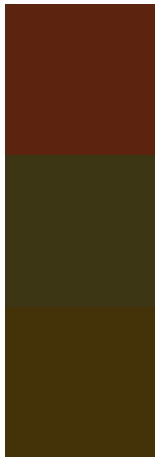


This preview shows how white text looks on a background with the YUV color 49.7630, -17.1382,

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

49.7630, -17.1382, 37.0418

Protanopia

51.9180, -15.7356, 7.0879

Deuteranopia

51.1810, -21.2882, 14.7503



Tritanopia

51.1680, -7.9708, 36.6867

Trichromacy



Original Color

49.7630, -17.1382, 37.0418

Protanomaly

51.1690, -16.3523, 18.2688

Deuteranomaly

50.6920, -19.5682, 23.0721

Tritanomaly

50.9570, -11.3178, 36.8717

Monochromacy



Original Color

49.7630, -17.1382, 37.0418

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0680, -6.4425, 13.0954

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.7630, -17.1382, 37.0418 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(92, 35, 15)` looks like.

```
.text, #text, p{  
    color:rgb(92, 35, 15)  
}
```

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(92, 35, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 35, 15) }
```

Border

The CSS property to change the border of an element to YUV 49.7630, -17.1382, 37.0418 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(92, 35, 15) }
```


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

```
.border{ border-color:rgb(92, 35, 15) }
```

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

Here you see how a box with a 4 pixel rgb(92, 35, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 35, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 35, 15);  
box-shadow:4px 4px 4px 4px rgb(92, 35, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.7630, -17.1382, 37.0418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 35, 15) }
```

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

```
.background{ background-color: rgb(92, 35,  
15) }
```

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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