

Converting Colors

YUV(49.3720, 2.7746, 43.5238)

Have a look what the booklet for
YUV(49.3720, 2.7746, 43.5238)
contains.

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Color

**YUV(49.3720, 2.7746,
43.5238)**

Conversions

Conversions Part 1

Format	Color
Hex	631737
RGB	99, 23, 55
RGB Percent	39%, 9%, 22%
CMY	0.6118, 0.9098, 0.7843
CMYK	0.00, 0.77, 0.44, 0.61
HSL	335°, 62%, 24%
HSV	335°, 77%, 39%
XYZ	6.1416, 3.5413, 3.9743
YIQ	49.3720, 35.0240, 26.0640

Conversions

Conversions Part 2

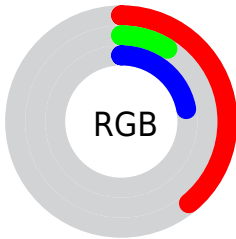
Format	Color
RYB	99, 23, 55
Decimal	6494007
CIELab	22.09, 36.45, -0.67
CIElCh	22, 36.452, 358.954
Yxy	3.5413, 0.4497, 0.2593
Android (android.graphics.Color)	4284684087 (0xFF631737)
YUV	49.3720, 2.7746, 43.5238
Hunter-Lab	18.8183, 25.3237, 0.6512

Details

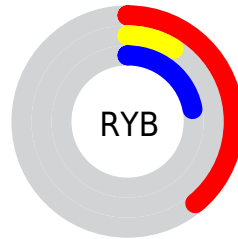
The YUV color **49.3720, 2.7746, 43.5238** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **72.6280, -2.7746, -43.5238**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.2260, 0.8746, 46.2828**, and **16.2040, -2.5656, 29.6391** is the 20% darker color. If you saturate the color by 10%, you get **42.8180, 3.0477, 49.2716**, and if you desaturate by 10%, it is **55.9260, 2.5015, 37.7759**.

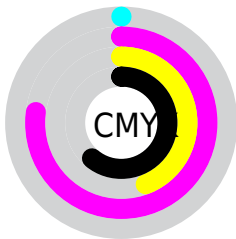
Distribution



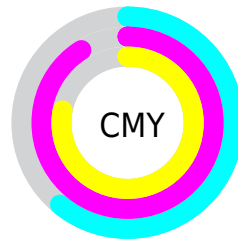
- Red (39%)
- Green (9%)
- Blue (22%)



- Red (39%)
- Yellow (9%)
- Blue (22%)



- Cyan (0%)
- Magenta (77%)
- Yellow (44%)
- Black (61%)



- Cyan (61%)
- Magenta (91%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.3720, 2.7746, 43.5238 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 49.3720, 2.7746, 43.5238 by changing the saturation by 10% instead.

■ 49.3720, 2.7746,
43.5238

■ 49.3720, 2.7746,
43.5238

■ 255.0000, 0.0000,
0.0000

■ 25.7030, 4.0904,
41.4795

■ 100.2260, 0.8746,
46.2828

■ 16.2040, -2.5656,
29.6391

■ 126.7100, 0.1430,
47.6123

■ 1.7940, -0.8844,
3.6887

■ 153.4930, -0.7360,
49.5566

■ 0.0000, 0.0000,
0.0000

■ 180.5040, -0.7415,
51.3010

■ 204.9160, 1.0274,
43.9237

■ 224.5440, 5.1548,

26.7099

243.2600, 5.7878,
10.2960

49.3720, 2.7746,
43.5238

49.3720, 2.7746,
43.5238

42.8180, 3.0477,
49.2716

55.9260, 2.5015,
37.7759

36.3780, 3.7576,
54.9195

62.3660, 1.7916,
32.1280

34.3890, 3.7522,
56.6638

68.9200, 1.5184,
26.3802

75.4740, 1.2453,
20.6323

82.0280, 0.9722,
14.8844

■ 87.8810, 0.5517,
9.7514

■ 94.4350, 0.2785,
4.0035

■ 100.9890, 0.0054,
-1.7444

■ 107.5430, -0.2677,
-7.4922

Harmonies

Analogous

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



53.7210, 13.4485, 26.5547



49.3720, 2.7746, 43.5238



49.2290, -10.4659, 43.6492

Triad

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



49.3720, 2.7746, 43.5238



46.5930, -22.9703, -5.7821



47.6800, 25.3008, -41.8154

Complementary

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



49.3720, 2.7746, 43.5238



72.6280, -2.7746, -43.5238

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.



47.0470, 15.2598, -41.2602



49.3720, 2.7746, 43.5238



39.6030, -8.1853, -34.7318

Square

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



49.3720, 2.7746, 43.5238



49.9700, -24.6352, 14.9353



43.9690, 3.4663, -38.5608



45.0700, 30.5315, -39.5264

Rectangle

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



49.3720, 2.7746, 43.5238



49.8940, -19.1747, 36.9270



43.9690, 3.4663, -38.5608



48.1700, 22.1012, -42.2451

Sweetspot

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



49.3720, 2.7746, 43.5238



108.4520, 1.2562, 17.1436



44.5210, 26.8581, 18.8371



52.1800, 0.4043, 10.3661



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



49.3720, 2.7746, 43.5238



50.9820, 4.4459, 67.5448



48.6590, -12.6499, 44.1491



45.4240, 0.2840, 2.2592



38.8460, 4.0199, 64.1561



83.2740, 8.7389, 137.4487

Inverse Universe

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



49.3720, 2.7746, 43.5238



50.9820, 4.4459, 67.5448



73.3410, 12.6499, -44.1491



45.4240, 0.2840, 2.2592



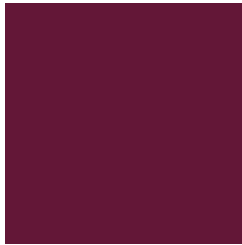
38.8460, 4.0199, 64.1561



83.2740, 8.7389, 137.4487

Previews

White Background



This preview shows how the YUV color 49.3720, 2.7746, 43.5238 looks on a white background.

Color Contrast Check

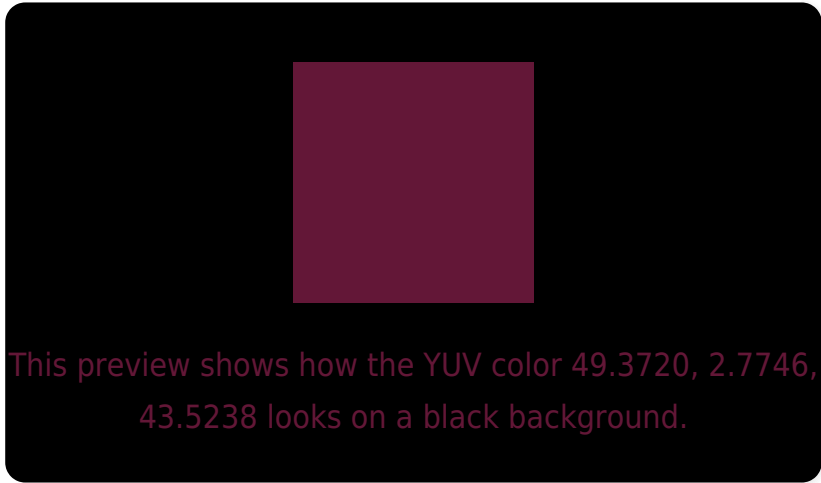
Large Text (above 18pt) WCAG AA ✓ Pass

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

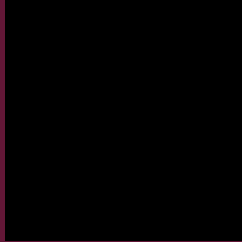
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.3720, 2.7746, 43.5238

Background



This preview shows how black text looks on a background with the YUV color 49.3720, 2.7746, 43.5238.



This preview shows how white text looks on a background with the YUV color 49.3720, 2.7746,

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

49.3720, 2.7746, 43.5238

Protanopia

54.6710, 9.0362, -4.9735

Deuteranopia

55.1640, -2.0529, 5.1182



Tritanopia

50.4460, -9.5869, 41.7049

Trichromacy



Original Color

49.3720, 2.7746, 43.5238

Protanomaly

52.7980, 6.5086, 12.4552

Deuteranomaly

53.0070, -0.4965, 19.2879

Tritanomaly

49.7110, -4.7875, 42.3495

Monochromacy



Original Color

49.3720, 2.7746, 43.5238

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.3270, 0.8248, 15.4992

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3720, 2.7746, 43.5238 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(99, 23, 55)` looks like.

```
.text, #text, p{  
    color:rgb(99, 23, 55)  
}
```

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(99, 23, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 23, 55) }
```

Border

The CSS property to change the border of an element to YUV 49.3720, 2.7746, 43.5238 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(99, 23, 55) }
```


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

```
.border{ border-color:rgb(99, 23, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 23, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 23, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 23, 55);  
box-shadow:4px 4px 4px 4px rgb(99, 23, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.3720, 2.7746, 43.5238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 23, 55) }
```

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

```
.background{ background-color: rgb(99, 23,  
55) }
```

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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