

Converting Colors

YUV(47.7380, 4.5662, 75.6518)

Have a look what the booklet for
YUV(47.7380, 4.5662, 75.6518)
contains.

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Color

**YUV(47.7380, 4.5662,
75.6518)**

Conversions

Conversions Part 1

Format	Color
Hex	860239
RGB	134, 2, 57
RGB Percent	53%, 1%, 22%
CMY	0.4745, 0.9922, 0.7765
CMYK	0.00, 0.99, 0.57, 0.47
HSL	335°, 97%, 27%
HSV	335°, 99%, 53%
XYZ	10.5917, 5.4072, 4.3563
YIQ	47.7380, 61.0170, 45.0890

Conversions

Conversions Part 2

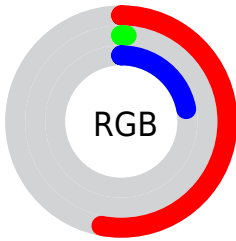
Format	Color
R_{YB}	134, 2, 57
Decimal	8782393
CIE Lab	27.86, 51.54, 7.22
CIE LCh	28, 52.042, 7.979
Yxy	5.4072, 0.5203, 0.2656
Android (android.graphics.Color)	4286972473 (0xFF860239)
YUV	47.7380, 4.5662, 75.6518
Hunter-Lab	23.2533, 40.6125, 5.1698

Details

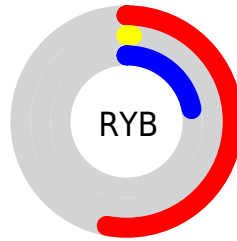
The YUV color **47.7380, 4.5662, 75.6518** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **88.2620, -4.5662, -75.6518**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.3540, -3.1325, 71.6035**, and **24.6190, -5.2352, 45.9381** is the 20% darker color. If you saturate the color by 10%, you get **46.4500, 4.7082, 76.7814**, and if you desaturate by 10%, it is **56.2810, 4.2985, 68.1596**.

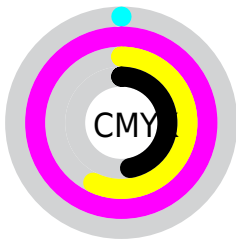
Distribution



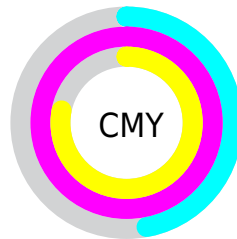
- Red (53%)
- Green (1%)
- Blue (22%)



- Red (53%)
- Yellow (1%)
- Blue (22%)



- Cyan (0%)
- Magenta (99%)
- Yellow (57%)
- Black (47%)



- Cyan (47%)
- Magenta (99%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.7380, 4.5662, 75.6518 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 47.7380, 4.5662, 75.6518 by changing the saturation by 10% instead.

47.7380, 4.5662,
75.6518

47.7380, 4.5662,
75.6518

255.0000, 0.0000,
0.0000

35.4990, 0.2470,
60.9524

110.3540, -3.1325,
71.6035

24.6190, -5.2352,
45.9381

138.6100, -4.7377,
73.1330

15.7760, -6.7916,
31.7684

166.6920, -5.7642,
75.6921


0.0000, 0.0000,
0.0000

186.1030, -2.5158,
60.4227

205.7310, 1.6116,
43.2089

225.9460, 5.4496,


25.4804


 245.0210, 4.9196,
8.7516

 47.7380, 4.5662,
75.6518

 47.7380, 4.5662,
75.6518


 46.4500, 4.7082,
76.7814

 56.2810, 4.2985,
68.1596

 65.4110, 3.7414,
60.1526

 73.8400, 3.0369,
52.7603

 82.9700, 2.4798,
44.7533

 91.5130, 2.2121,
37.2611

■ 100.0560, 1.9444,
29.7689

■ 109.1860, 1.3873,
21.7619

■ 117.7290, 1.1196,
14.2697

■ 126.7450, 0.1257,
6.3626

Harmonies

Analogous

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



59.8520, 18.3140, 52.7498



47.7380, 4.5662, 75.6518



57.0480, -19.2507, 61.3479

Triad

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



47.7380, 4.5662, 75.6518



52.0870, -25.6789, -23.7553



61.8600, 39.0160, -54.2512

Complementary

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



47.7380, 4.5662, 75.6518



88.2620, -4.5662, -75.6518

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.



61.1300, 26.0649, -53.6110



47.7380, 4.5662, 75.6518



51.3090, -9.0263, -44.9980

Square

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



47.7380, 4.5662, 75.6518



61.4440, -30.2919, 9.2576



57.3850, 9.1772, -50.3266



56.5600, 44.0939, -49.6031

Rectangle

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



47.7380, 4.5662, 75.6518



60.2020, -29.6796, 46.3038



57.3850, 9.1772, -50.3266



62.2360, 35.3797, -54.5810

Sweetspot

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



47.7380, 4.5662, 75.6518



139.0560, 1.9444, 29.7689



40.0710, 46.3070, 34.1407



66.0500, 0.9614, 18.3732



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



47.7380, 4.5662, 75.6518



59.9350, 5.9480, 99.1580



47.9250, -22.6410, 75.4878



62.0220, -0.0108, 3.4887



45.0260, 4.4242, 74.5222



1.0110, -0.0054, 1.7444

Inverse Universe

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



47.7380, 4.5662, 75.6518



59.9350, 5.9480, 99.1580



88.0750, 22.6410, -75.4878



62.0220, -0.0108, 3.4887



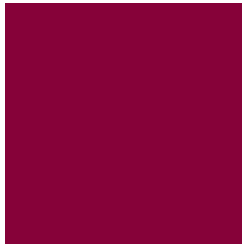
45.0260, 4.4242, 74.5222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 47.7380, 4.5662, 75.6518 looks on a white background.

Color Contrast Check

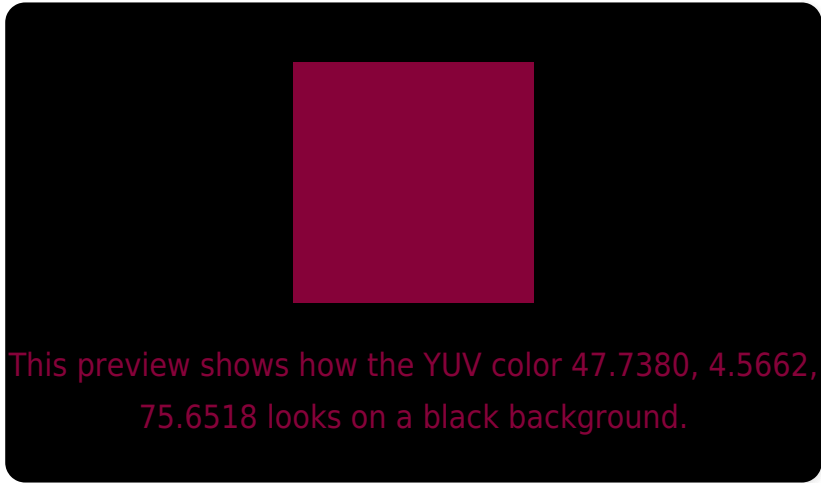
Large Text (above 18pt) WCAG AA ✓ Pass

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

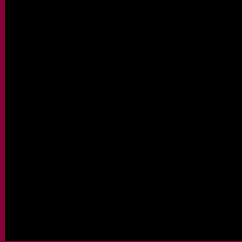
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.7380, 4.5662, 75.6518

Background



This preview shows how black text looks on a background with the YUV color 47.7380, 4.5662, 75.6518.



This preview shows how white text looks on a background with the YUV color 47.7380, 4.5662, 75.6518.

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

47.7380, 4.5662, 75.6518

Protanopia

69.1120, 6.8468, -2.7292

Deuteranopia

69.0740, -8.9105, 11.3361



Tritanopia

55.7760, -16.6516, 67.7254

Trichromacy



Original Color

47.7380, 4.5662, 75.6518

Protanomaly

61.4730, 6.1758, 25.8952

Deuteranomaly

61.4820, -4.1816, 34.6573

Tritanomaly

52.5620, -8.6581, 70.5441

Monochromacy



Original Color

47.7380, 4.5662, 75.6518

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.6320, 1.6604, 27.5097

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7380, 4.5662, 75.6518 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(134, 2, 57)` looks like.

```
.text, #text, p{  
    color:rgb(134, 2, 57)  
}
```

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(134, 2, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 2, 57) }
```

Border

The CSS property to change the border of an element to YUV 47.7380, 4.5662, 75.6518 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(134, 2, 57) }
```


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

```
.border{ border-color:rgb(134, 2, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 2, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 2, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 2, 57);  
box-shadow:4px 4px 4px 4px rgb(134, 2, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.7380, 4.5662, 75.6518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 2, 57) }
```

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

```
.background{ background-color: rgb(134, 2,  
57) }
```

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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