

Converting Colors

YUV(45.4380, 2.7421, 53.9899)

Have a look what the booklet for
YUV(45.4380, 2.7421, 53.9899)
contains.

YUV(45.4380, 2.7421, 53.9899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(45.4380, 2.7421,
53.9899)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0D33
RGB	107, 13, 51
RGB Percent	42%, 5%, 20%
CMY	0.5804, 0.9490, 0.8000
CMYK	0.00, 0.88, 0.52, 0.58
HSL	336°, 78%, 24%
HSV	336°, 88%, 42%
XYZ	6.8049, 3.6527, 3.4783
YIQ	45.4380, 43.8260, 31.7460

Conversions

Conversions Part 2

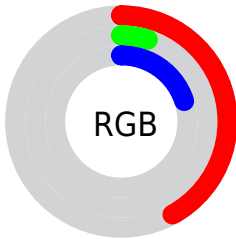
Format	Color
RYB	107, 13, 51
Decimal	7015731
CIELab	22.49, 41.72, 2.90
CIElCh	22, 41.820, 3.975
Yxy	3.6527, 0.4883, 0.2621
Android (android.graphics.Color)	4285205811 (0xFF6B0D33)
YUV	45.4380, 2.7421, 53.9899
Hunter-Lab	19.1119, 30.1096, 2.5877

Details

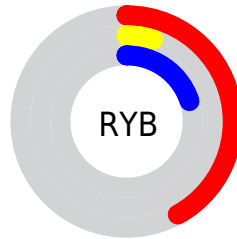
The YUV color **45.4380, 2.7421, 53.9899** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **74.5620, -2.7421, -53.9899**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.2980, -1.6259, 54.9897**, and **17.2000, -6.5076, 34.0276** is the 20% darker color. If you saturate the color by 10%, you get **38.2970, 3.3046, 60.2525**, and if you desaturate by 10%, it is **52.5790, 2.1796, 47.7272**.

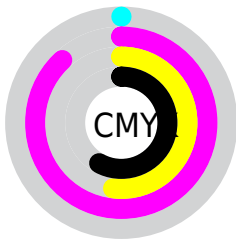
Distribution



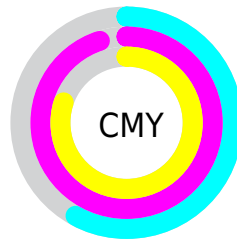
- Red (42%)
- Green (5%)
- Blue (20%)



- Red (42%)
- Yellow (5%)
- Blue (20%)



- Cyan (0%)
- Magenta (88%)
- Yellow (52%)
- Black (58%)



- Cyan (58%)
- Magenta (95%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.4380, 2.7421, 53.9899 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 45.4380, 2.7421, 53.9899 by changing the saturation by 10% instead.

45.4380, 2.7421,
53.9899

45.4380, 2.7421,
53.9899

255.0000, 0.0000,
0.0000

27.3400, 1.3114,
46.1828

100.2980, -1.6259,
54.9897

17.2000, -6.5076,
34.0276

126.1950, -2.0681,
56.8340

6.2790, -3.0955,
12.9103

153.6790, -2.7997,
58.1635

0.0000, 0.0000,
0.0000


180.8750, -3.3894,
60.6226


201.8840, -0.4358,
46.5827


221.6260, 4.1284,

29.2690

 241.4990, 6.6560,
11.8404

 45.4380, 2.7421,
53.9899

 45.4380, 2.7421,
53.9899

 38.2970, 3.3046,
60.2525


 52.5790, 2.1796,
47.7272

 36.8950, 3.0098,
61.4821

 59.2470, 2.3432,
41.8794

 66.3880, 1.7807,
35.6167

 73.5290, 1.2182,
29.3541

 80.1970, 1.3819,
23.5062

■ 87.3380, 0.8194,
17.2436

■ 94.5930, 0.6937,
10.8809

■ 101.7340, 0.1311,
4.6183

■ 108.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



51.8300, 14.8738, 36.1061



45.4380, 2.7421, 53.9899



48.1650, -13.3923, 48.9673

Triad

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



45.4380, 2.7421, 53.9899



45.0760, -22.2225, -12.3447



50.1080, 29.5268, -43.9447

Complementary

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



45.4380, 2.7421, 53.9899



74.5620, -2.7421, -53.9899

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.



49.3610, 19.0490, -43.2896



45.4380, 2.7421, 53.9899



40.8910, -8.3273, -35.8614

Square

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



45.4380, 2.7421, 53.9899



50.8340, -25.0612, 11.5466



45.8270, 5.5083, -40.1903



46.0960, 34.4627, -40.4262

Rectangle

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



45.4380, 2.7421, 53.9899



49.2380, -24.2743, 39.2563



45.8270, 5.5083, -40.1903



50.0110, 26.6166, -43.8596

Sweetspot

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



45.4380, 2.7421, 53.9899



116.4740, 1.2453, 20.6323



40.1610, 32.9516, 24.4148



56.6040, 0.6882, 12.6253



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



45.4380, 2.7421, 53.9899



48.3580, 4.2605, 80.3700



45.8020, -16.1714, 53.6706



50.0220, -0.0108, 3.4887



40.3410, 3.2829, 67.2299



84.5410, 7.1283, 140.7225

Inverse Universe

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



45.4380, 2.7421, 53.9899



48.3580, 4.2605, 80.3700



74.1980, 16.1714, -53.6706



50.0220, -0.0108, 3.4887



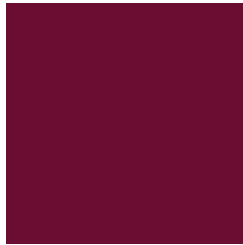
40.3410, 3.2829, 67.2299



84.5410, 7.1283, 140.7225

Previews

White Background



This preview shows how the YUV color 45.4380, 2.7421, 53.9899 looks on a white background.

Color Contrast Check

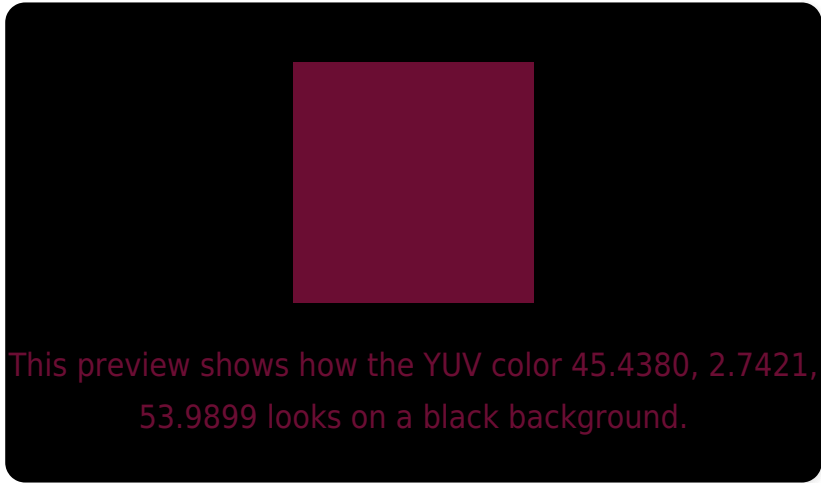
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.4380, 2.7421, 53.9899

Background



This preview shows how black text looks on a background with the YUV color 45.4380, 2.7421, 53.9899.



This preview shows how white text looks on a background with the YUV color 45.4380, 2.7421,

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

45.4380, 2.7421, 53.9899

Protanopia

56.6280, 7.5784, -4.0588

Deuteranopia

56.4910, -4.6791, 7.4624



Tritanopia

47.8170, -12.2348, 51.0265

Trichromacy



Original Color

45.4380, 2.7421, 53.9899

Protanomaly

52.3040, 5.7661, 17.2734

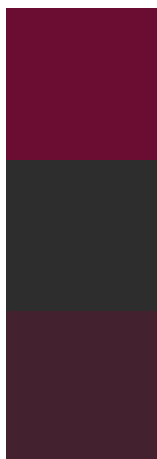
Deuteranomaly

52.2850, -2.1125, 24.3061

Tritanomaly

46.6090, -6.7092, 52.0859

Monochromacy



Original Color

45.4380, 2.7421, 53.9899

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0610, 0.9559, 20.1175

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.4380, 2.7421, 53.9899 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(107, 13, 51)` looks like.

```
.text, #text, p{  
    color:rgb(107, 13, 51)  
}
```

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(107, 13, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 13, 51) }
```

Border

The CSS property to change the border of an element to YUV 45.4380, 2.7421, 53.9899 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(107, 13, 51) }
```


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

```
.border{ border-color:rgb(107, 13, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 13, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 13, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 13, 51);  
box-shadow:4px 4px 4px 4px rgb(107, 13,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 45.4380, 2.7421, 53.9899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 13, 51) }
```

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

```
.background{ background-color: rgb(107, 13,  
51) }
```

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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