

Converting Colors

YUV(52.4040, 4.2378, 40.8647)

Have a look what the booklet for
YUV(52.4040, 4.2378, 40.8647)
contains.

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Color

**YUV(52.4040, 4.2378,
40.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	631B3D
RGB	99, 27, 61
RGB Percent	39%, 11%, 24%
CMY	0.6118, 0.8941, 0.7608
CMYK	0.00, 0.73, 0.38, 0.61
HSL	332°, 57%, 25%
HSV	332°, 73%, 39%
XYZ	6.3798, 3.7734, 4.8070
YIQ	52.4040, 31.9980, 25.8380

Conversions

Conversions Part 2

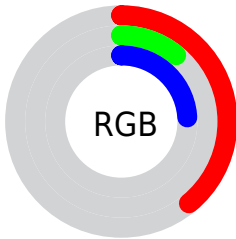
Format	Color
RYB	99, 27, 61
Decimal	6495037
CIELab	22.91, 35.50, -3.60
CIElCh	23, 35.678, 354.203
Yxy	3.7734, 0.4265, 0.2522
Android (android.graphics.Color)	4284685117 (0xFF631B3D)
YUV	52.4040, 4.2378, 40.8647
Hunter-Lab	19.4253, 24.6301, -1.0741

Details

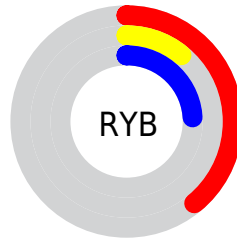
The YUV color **52.4040, 4.2378, 40.8647** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **73.5960, -4.2378, -40.8647**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.2580, 2.3378, 43.6237**, and **17.1160, 0.9288, 28.8393** is the 20% darker color. If you saturate the color by 10%, you get **45.9640, 4.9477, 46.5126**, and if you desaturate by 10%, it is **58.8440, 3.5279, 35.2168**.

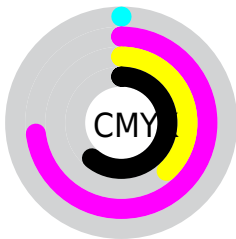
Distribution



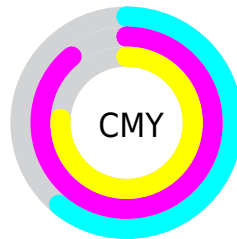
- Red (39%)
- Green (11%)
- Blue (24%)



- Red (39%)
- Yellow (11%)
- Blue (24%)



- Cyan (0%)
- Magenta (73%)
- Yellow (38%)
- Black (61%)



- Cyan (61%)
- Magenta (89%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4040, 4.2378, 40.8647 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 52.4040, 4.2378, 40.8647 by changing the saturation by 10% instead.

■ 52.4040, 4.2378,
40.8647

■ 52.4040, 4.2378,
40.8647

■ 255.0000, 0.0000,
0.0000

■ 26.2730, 6.2744,
40.9796

■ 103.2580, 2.3378,
43.6237

■ 17.1160, 0.9288,
28.8393

■ 128.9700, 2.4798,
44.7533

■ 3.8870, -1.9163,
7.9921

■ 155.8670, 2.0376,
46.5976

■ 0.0000, 0.0000,
0.0000

■ 183.4650, 1.7428,
47.8272

■ 207.4750, 3.2168,
41.6794

■ 227.2170, 7.7810,

24.3657

245.6080, 4.6303,
8.2368

52.4040, 4.2378,
40.8647

52.4040, 4.2378,
40.8647

45.9640, 4.9477,
46.5126

58.8440, 3.5279,
35.2168

39.5240, 5.6577,
52.1605

65.2840, 2.8180,
29.5689

34.9590, 5.9362,
56.1640

71.8380, 2.5449,
23.8211

78.2780, 1.8349,
18.1732

84.7180, 1.1250,
12.5253

■ 90.5710, 0.7045,
7.3922

■ 97.1250, 0.4314,
1.6444

■ 103.5650, -0.2785,
-4.0035

■ 110.0050, -0.9885,
-9.6514

Harmonies

Analogous

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



55.7420, 14.9172, 22.1513



52.4040, 4.2378, 40.8647



51.2120, -7.9925, 43.6641

Triad

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



52.4040, 4.2378, 40.8647



49.2730, -24.2916, -1.9934



49.3270, 23.9958, -43.2598

Complementary

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



52.4040, 4.2378, 40.8647



73.5960, -4.2378, -40.8647

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.



47.9930, 13.8075, -42.0899



52.4040, 4.2378, 40.8647



41.1580, -9.9379, -32.5876

Square

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



52.4040, 4.2378, 40.8647



52.0520, -25.6616, 17.4944



44.2140, 1.8665, -38.7757



46.9450, 30.1001, -41.1708

Rectangle

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



52.4040, 4.2378, 40.8647



51.5890, -16.5594, 38.0714



44.2140, 1.8665, -38.7757



49.1160, 20.6488, -43.0747

Sweetspot

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



52.4040, 4.2378, 40.8647



109.2670, 1.8404, 16.4288



46.2710, 25.9954, 15.5483



52.9950, 0.9885, 9.6514



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.



52.4040, 4.2378, 40.8647



56.1170, 6.3513, 63.0414



49.1150, -10.9027, 43.7491



45.4240, 0.2840, 2.2592



39.5300, 6.6407, 63.5562



84.6420, 13.9805, 136.2490

Inverse Universe

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



52.4040, 4.2378, 40.8647



56.1170, 6.3513, 63.0414



76.8850, 10.9027, -43.7491



45.4240, 0.2840, 2.2592



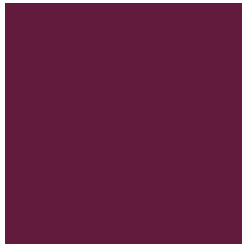
39.5300, 6.6407, 63.5562



84.6420, 13.9805, 136.2490

Previews

White Background



This preview shows how the YUV color 52.4040, 4.2378, 40.8647 looks on a white background.

Color Contrast Check

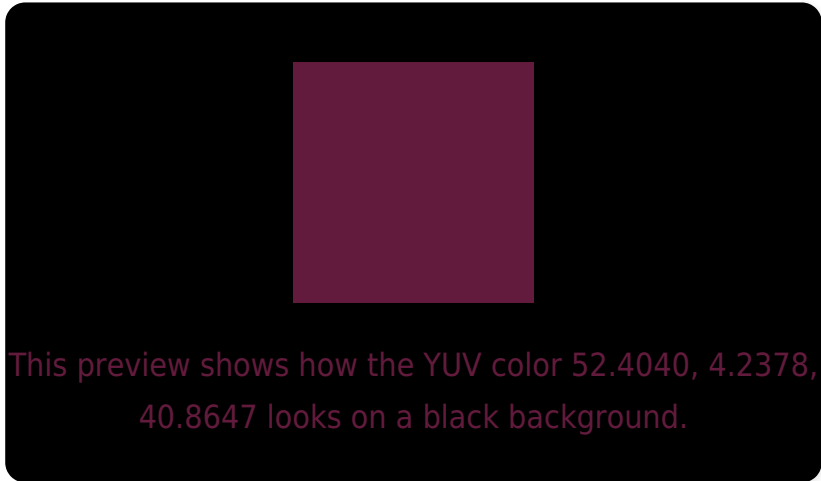
Large Text (above 18pt) WCAG AA ✓ Pass

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

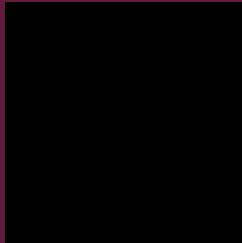
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.4040, 4.2378, 40.8647

Background



This preview shows how black text looks on a background with the YUV color 52.4040, 4.2378, 40.8647.



This preview shows how white text looks on a background with the YUV color 52.4040, 4.2378,

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

52.4040, 4.2378, 40.8647

Protanopia

55.9420, 11.3676, -6.0881

Deuteranopia

56.4350, 0.2785, 4.0035



Tritanopia

53.0650, -8.4130, 38.5310

Trichromacy



Original Color

52.4040, 4.2378, 40.8647

Protanomaly

54.6560, 8.5506, 10.8257

Deuteranomaly

54.8650, 1.5456, 17.6584

Tritanomaly

52.6290, -3.7611, 39.7904

Monochromacy



Original Color

52.4040, 4.2378, 40.8647

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.1420, 1.4090, 14.7845

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4040, 4.2378, 40.8647 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, 27, 61)` looks like.

```
.text, #text, p{  
    color:rgb(99, 27, 61)  
}
```

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, 27, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 27, 61) }
```

Border

The CSS property to change the border of an element to YUV 52.4040, 4.2378, 40.8647 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, 27, 61) }
```


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

```
.border{ border-color:rgb(99, 27, 61) }
```

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

Here you see how a box with a 4 pixel rgb(99, 27, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 27, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 27, 61);  
box-shadow:4px 4px 4px 4px rgb(99, 27, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.4040, 4.2378, 40.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 27, 61) }
```

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

```
.background{ background-color: rgb(99, 27,  
61) }
```

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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