

Converting Colors

YUV(52.4000, 3.7468, 58.4082)

Have a look what the booklet for
YUV(52.4000, 3.7468, 58.4082)
contains.

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Color

**YUV(52.4000, 3.7468,
58.4082)**

Conversions

Conversions Part 1

Format	Color
Hex	77113C
RGB	119, 17, 60
RGB Percent	47%, 7%, 24%
CMY	0.5333, 0.9333, 0.7647
CMYK	0.00, 0.86, 0.50, 0.53
HSL	335°, 75%, 27%
HSV	335°, 86%, 47%
XYZ	8.6238, 4.6491, 4.7178
YIQ	52.4000, 46.9890, 34.9970

Conversions

Conversions Part 2

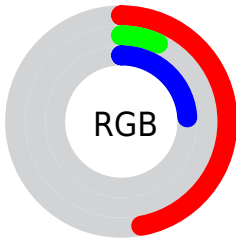
Format	Color
R_{YB}	119, 17, 60
Decimal	7803196
CIE Lab	25.71, 44.89, 1.67
CIE LCh	26, 44.920, 2.129
Yxy	4.6491, 0.4793, 0.2584
Android (android.graphics.Color)	4285993276 (0xFF77113C)
YUV	52.4000, 3.7468, 58.4082
Hunter-Lab	21.5617, 33.6597, 2.1203

Details

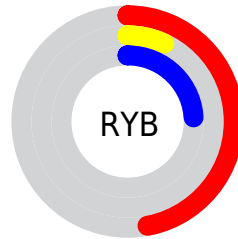
The YUV color **52.4000, 3.7468, 58.4082** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **83.6000, -3.7468, -58.4082**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.3740, -0.1844, 59.3080**, and **21.4870, -1.7191, 38.1609** is the 20% darker color. If you saturate the color by 10%, you get **44.5580, 4.1619, 65.2856**, and if you desaturate by 10%, it is **60.2420, 3.3317, 51.5308**.

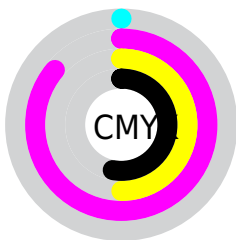
Distribution



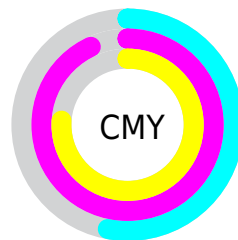
- Red (47%)
- Green (7%)
- Blue (24%)



- Red (47%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (86%)
- Yellow (50%)
- Black (53%)



- Cyan (53%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4000, 3.7468, 58.4082 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 52.4000, 3.7468, 58.4082 by changing the saturation by 10% instead.

■ 52.4000, 3.7468,
58.4082

■ 52.4000, 3.7468,
58.4082

■ 255.0000, 0.0000,
0.0000

■ 31.8400, 3.0369,
52.7603

■ 107.3740, -0.1844,
59.3080

■ 21.4870, -1.7191,
38.1609

■ 134.7440, -1.3528,
60.7375

■ 12.0740, -5.4595,
24.4911

■ 161.9400, -1.9424,
63.1966


■ 0.0000, 0.0000,
0.0000

■ 187.1460, -1.0580,
59.5080

■ 206.7740, 3.0694,
42.2942


■ 226.4020, 7.1968,

25.0804


 245.0210, 4.9196,
8.7516

 52.4000, 3.7468,
58.4082


 52.4000, 3.7468,
58.4082

 44.5580, 4.1619,
65.2856

 60.2420, 3.3317,
51.5308

 41.2810, 4.2985,
68.1596

 68.0840, 2.9166,
44.6533

 75.9260, 2.5015,
37.7759

 83.7680, 2.0864,
30.8985

 90.9090, 1.5239,
24.6358

■ 98.7510, 1.1088,
17.7584

■ 106.5930, 0.6937,
10.8809

■ 114.4350, 0.2785,
4.0035

■ 122.2770, -0.1366,
-2.8739

Harmonies

Analogous

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



59.5960, 16.4682, 38.0653



52.4000, 3.7468, 58.4082



54.1980, -13.4086, 54.2004

Triad

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



52.4000, 3.7468, 58.4082



51.8650, -25.5694, -12.1596



56.0580, 32.0164, -49.1629

Complementary

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



52.4000, 3.7468, 58.4082



83.6000, -3.7468, -58.4082

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.



54.9690, 20.2283, -48.2078



52.4000, 3.7468, 58.4082



46.5160, -9.6214, -40.7945

Square

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



52.4000, 3.7468, 58.4082



57.3460, -28.2716, 14.6056



51.6800, 5.0878, -45.3234



52.9750, 37.9733, -46.4591

Rectangle

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



52.4000, 3.7468, 58.4082



56.1030, -26.1798, 43.7597



51.6800, 5.0878, -45.3234



56.5480, 28.8168, -49.5926

Sweetspot

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



52.4000, 3.7468, 58.4082



129.1970, 1.3819, 23.5062



45.9700, 36.0038, 25.4593



63.3160, 0.8302, 13.7549



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



52.4000, 3.7468, 58.4082



54.1680, 5.8332, 89.3067



51.6070, -17.0613, 59.1037



55.0220, -0.0108, 3.4887



42.4060, 4.7298, 69.8039



86.7200, 9.0120, 143.1966

Inverse Universe

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



52.4000, 3.7468, 58.4082



54.1680, 5.8332, 89.3067



84.3930, 17.0613, -59.1037



55.0220, -0.0108, 3.4887



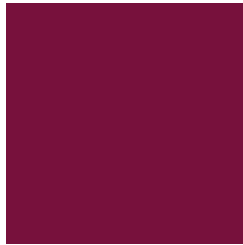
42.4060, 4.7298, 69.8039



86.7200, 9.0120, 143.1966

Previews

White Background



This preview shows how the YUV color 52.4000, 3.7468, 58.4082 looks on a white background.

Color Contrast Check

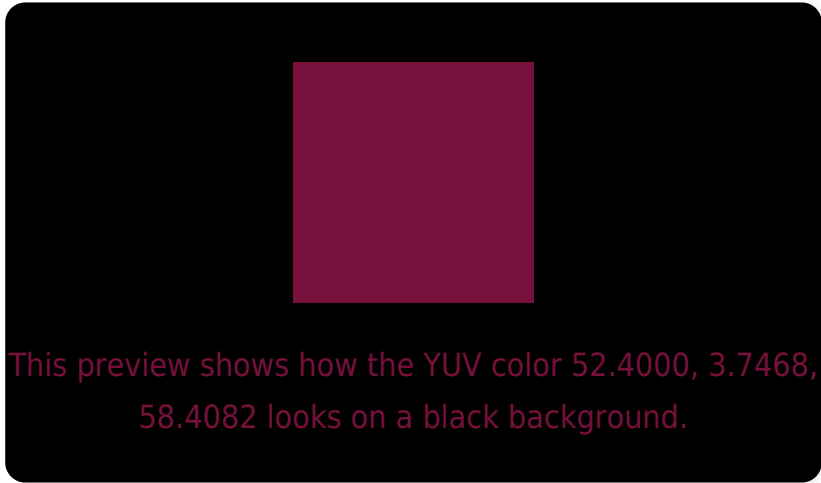
Large Text (above 18pt) WCAG AA ✓ Pass

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

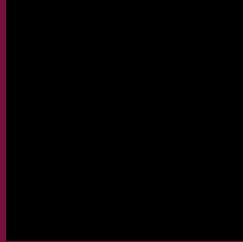
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.4000, 3.7468, 58.4082

Background



This preview shows how black text looks on a background with the YUV color 52.4000, 3.7468, 58.4082.



This preview shows how white text looks on a background with the YUV color 52.4000, 3.7468,

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

52.4000, 3.7468, 58.4082

Protanopia

63.0130, 10.3466, -5.2734

Deuteranopia

63.6050, -4.2423, 7.3624



Tritanopia

54.6110, -13.1192, 54.7152

Trichromacy



Original Color

52.4000, 3.7468, 58.4082

Protanomaly

59.4720, 7.6553, 18.0031

Deuteranomaly

59.5240, -1.2443, 25.8505

Tritanomaly

53.9300, -6.8675, 56.1894

Monochromacy



Original Color

52.4000, 3.7468, 58.4082

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8870, 1.5347, 21.1471

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4000, 3.7468, 58.4082 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(119, 17, 60)` looks like.

```
.text, #text, p{  
    color:rgb(119, 17, 60)  
}
```

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(119, 17, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 17, 60) }
```

Border

The CSS property to change the border of an element to YUV 52.4000, 3.7468, 58.4082 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(119, 17, 60) }
```


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

```
.border{ border-color:rgb(119, 17, 60) }
```

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

Here you see how a box with a 4 pixel rgb(119, 17, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 17, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 17, 60);  
box-shadow:4px 4px 4px 4px rgb(119, 17,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 52.4000, 3.7468, 58.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 17, 60) }
```

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

```
.background{ background-color: rgb(119, 17,  
60) }
```

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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