

Converting Colors

YUV(52.3810, 32.8432, 59.3019)

Have a look what the booklet for
YUV(52.3810, 32.8432, 59.3019)
contains.

YUV(52.3810, 32.8432, 59.3019)	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(52.3810, 32.8432,
59.3019)**

Conversions

Conversions Part 1

Format	Color
Hex	780577
RGB	120, 5, 119
RGB Percent	47%, 2%, 47%
CMY	0.5294, 0.9804, 0.5333
CMYK	0.00, 0.96, 0.01, 0.53
HSL	301°, 92%, 25%
HSV	301°, 96%, 47%
XYZ	11.1298, 5.4335, 17.9149
YIQ	52.3810, 31.9460, 59.8340

Conversions

Conversions Part 2

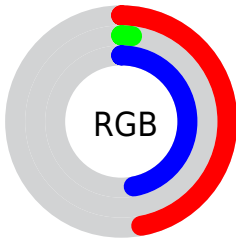
Format	Color
R_{YB}	120, 5, 119
Decimal	7865719
CIE _{Lab}	27.94, 55.24, -33.84
CIE _{LCh}	28, 64.780, 328.507
Yxy	5.4335, 0.3228, 0.1576
Android (android.graphics.Color)	4286055799 (0xFF780577)
YUV	52.3810, 32.8432, 59.3019
Hunter-Lab	23.3099, 44.4360, -29.2506

Details

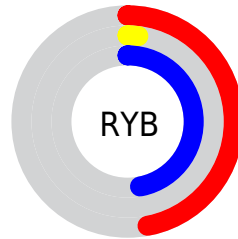
The YUV color **52.3810, 32.8432, 59.3019** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **72.6190, -32.8432, -59.3019**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.4960, 28.3495, 53.9390**, and **28.0130, 20.6996, 34.1916** is the 20% darker color. If you saturate the color by 10%, you get **49.4460, 34.2901, 61.8759**, and if you desaturate by 10%, it is **59.4250, 29.3705, 53.1243**.

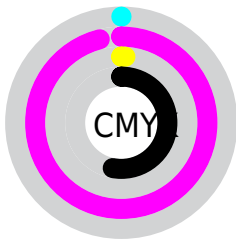
Distribution



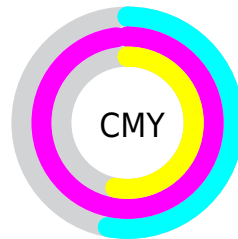
- Red (47%)
- Green (2%)
- Blue (47%)



- Red (47%)
- Yellow (2%)
- Blue (47%)



- Cyan (0%)
- Magenta (96%)
- Yellow (1%)
- Black (53%)



- Cyan (53%)
- Magenta (98%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.3810, 32.8432, 59.3019 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 52.3810, 32.8432, 59.3019 by changing the saturation by 10% instead.

■ 52.3810, 32.8432,
59.3019

■ 52.3810, 32.8432,
59.3019

■ 255.0000, 0.0000,
0.0000

■ 38.5230, 27.3502,
47.7763

■ 114.4960, 28.3495,
53.9390

■ 28.0130, 20.6996,
34.1916

■ 141.7950, 28.2021,
54.5538

■ 18.2150, 14.1910,
21.7364

■ 169.6210, 28.7808,
55.5834

■ 2.8500, 10.9200,
-2.4994


■ 195.1260, 29.5179,
52.5095


■ 0.0000, 0.0000,
0.0000


■ 212.1490, 21.1255,
37.5803


■ 228.5850, 13.0226,


23.1660


 245.6080, 4.6303,
8.2368


 52.3810, 32.8432,
59.3019


 52.3810, 32.8432,
59.3019


 49.4460, 34.2901,
61.8759

 59.4250, 29.3705,
53.1243

 66.4690, 25.8978,
46.9467

 73.5130, 22.4251,
40.7691

 80.5570, 18.9524,
34.5915

 87.7150, 15.9165,
28.3139

■ 94.7590, 12.4438,
22.1364

■ 101.8030, 8.9711,
15.9588

■ 108.8470, 5.4984,
9.7812

■ 115.8910, 2.0257,
3.6036

Harmonies

Analogous

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



61.3280, 46.1803, -18.7047



52.3810, 32.8432, 59.3019



51.7480, 9.4912, 82.6590

Triad

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



52.3810, 32.8432, 59.3019



62.6840, -30.9032, 18.6941



62.7770, 24.7599, -55.0554

Complementary

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



52.3810, 32.8432, 59.3019



72.6190, -32.8432, -59.3019

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.



56.9630, 2.4832, -49.9566



52.3810, 32.8432, 59.3019



54.1800, -26.7107, -19.4519

Square

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



52.3810, 32.8432, 59.3019



59.0720, -29.1225, 54.3109



48.3620, -22.8565, -42.4135



66.0490, 42.3738, -57.9250

Rectangle

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



52.3810, 32.8432, 59.3019



48.2850, -5.0705, 86.5731



48.3620, -22.8565, -42.4135



60.9530, 17.7712, -53.4558

Sweetspot

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



52.3810, 32.8432, 59.3019



128.8840, 12.8752, 23.7807



18.1100, 50.2318, -11.4975



62.5640, 8.1029, 14.4144



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.



52.3810, 32.8432, 59.3019



64.2000, 44.2714, 80.5086



45.8830, 7.9457, 65.0006



57.4780, 1.7363, 3.0888



51.5110, 35.7371, 64.4499



103.8480, 72.0529, 129.9293

Inverse Universe

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



52.3810, 32.8432, 59.3019



64.2000, 44.2714, 80.5086



79.0030, -8.3825, -64.9006



57.4780, 1.7363, 3.0888



51.5110, 35.7371, 64.4499



103.8480, 72.0529, 129.9293

Previews

White Background



This preview shows how the YUV color 52.3810, 32.8432, 59.3019 looks on a white background.

Color Contrast Check

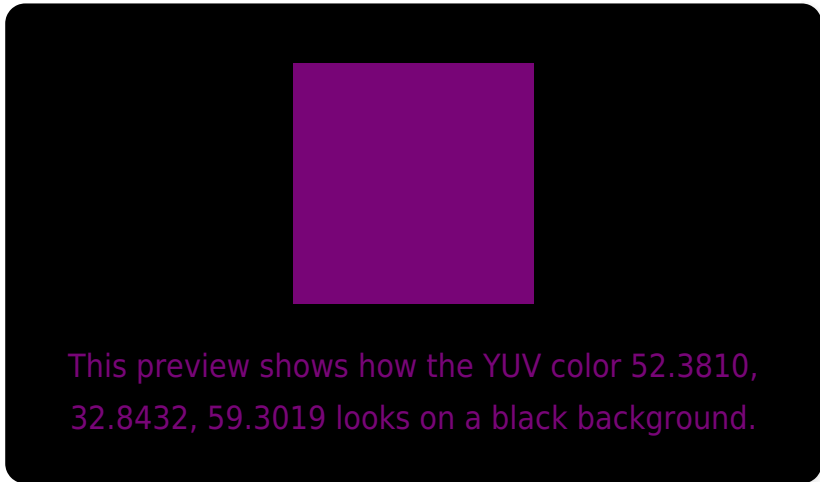
Large Text (above 18pt) WCAG AA ✓ Pass

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

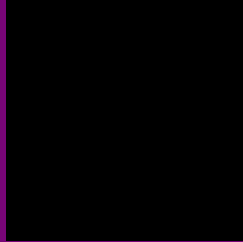
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.3810, 32.8432, 59.3019

Background



This preview shows how black text looks on a background with the YUV color 52.3810, 32.8432, 59.3019.



This preview shows how white text looks on a background with the YUV color 52.3810, 32.8432,

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

52.3810, 32.8432, 59.3019

Protanopia

54.7020, 42.0519, -47.9737

Deuteranopia

65.8290, 22.7623, -20.8980



Tritanopia

67.0760, -8.4185, 40.2753

Trichromacy



Original Color

52.3810, 32.8432, 59.3019

Protanomaly

54.0320, 38.4382, -8.7981

Deuteranomaly

61.0420, 26.6013, 7.8562

Tritanomaly

62.0180, 6.4001, 47.3422

Monochromacy



Original Color

52.3810, 32.8432, 59.3019

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.2320, 11.7176, 21.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.3810, 32.8432, 59.3019 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(120, 5, 119)` looks like.

```
.text, #text, p{  
    color:rgb(120, 5, 119)  
}
```

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(120, 5, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 5, 119) }
```

Border

The CSS property to change the border of an element to YUV 52.3810, 32.8432, 59.3019 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(120, 5, 119) }
```


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

```
.border{ border-color:rgb(120, 5, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 5, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 5, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 5, 119);  
box-shadow:4px 4px 4px 4px rgb(120, 5,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 52.3810, 32.8432, 59.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 5, 119) }
```

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

```
.background{ background-color: rgb(120, 5,  
119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor