

Converting Colors

YUV(54.3780, 10.1666, 5.8075)

Have a look what the booklet for
YUV(54.3780, 10.1666, 5.8075)
contains.

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Color

**YUV(54.3780, 10.1666,
5.8075)**

Conversions

Conversions Part 1

Format	Color
Hex	3D2F4B
RGB	61, 47, 75
RGB Percent	24%, 18%, 29%
CMY	0.7608, 0.8157, 0.7059
CMYK	0.19, 0.37, 0.00, 0.71
HSL	270°, 23%, 24%
HSV	270°, 37%, 29%
XYZ	4.2110, 3.5331, 7.1166
YIQ	54.3780, -0.6440, 11.6760

Conversions

Conversions Part 2

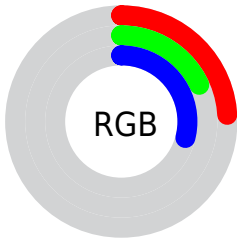
Format	Color
R _Y B	61, 47, 75
Decimal	4009803
CIE Lab	22.06, 12.86, -14.94
CIE LCh	22, 19.706, 310.719
Yxy	3.5331, 0.2834, 0.2377
Android (android.graphics.Color)	4282199883 (0xFF3D2F4B)
YUV	54.3780, 10.1666, 5.8075
Hunter-Lab	18.7966, 7.0950, -9.2903

Details

The YUV color **54.3780, 10.1666, 5.8075** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **67.6220, -10.1666, -5.8075**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.3180, 11.1822, 6.7371**, and **9.5140, 10.5926, 9.1962** is the 20% darker color. If you saturate the color by 10%, you get **49.0730, 12.7820, 6.9520**, and if you desaturate by 10%, it is **60.2700, 7.2619, 4.1482**.

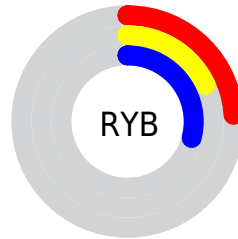
Distribution



Red (24%)

Green (18%)

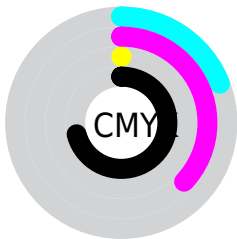
Blue (29%)



Red (24%)

Yellow (18%)

Blue (29%)

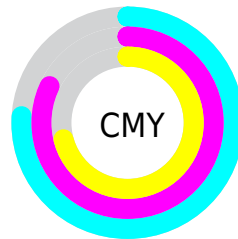


Cyan (19%)

Magenta (37%)

Yellow (0%)

Black (71%)



Cyan (76%)

Magenta (82%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.3780, 10.1666, 5.8075 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 54.3780, 10.1666, 5.8075 by changing the saturation by 10% instead.

■ 54.3780, 10.1666,
5.8075

■ 54.3780, 10.1666,
5.8075

■ 255.0000, 0.0000,
0.0000

■ 32.8510, 9.4405,
5.3927

■ 101.3180, 11.1822,
6.7371

■ 9.5140, 10.5926,
9.1962

■ 126.4320, 11.6190,
6.6371

■ 0.3420, 1.3104,
-0.2999

■ 152.1440, 11.7610,
7.7667

■ 0.0000, 0.0000,
0.0000

■ 179.2580, 12.1978,
7.6667

■ 206.6710, 12.4872,
8.1815

■ 234.1010, 10.3032,

8.6814

254.4130, 0.2894,
0.5148

■ 54.3780, 10.1666,
5.8075

■ 54.3780, 10.1666,
5.8075

■ 49.0730, 12.7820,
6.9520

■ 60.2700, 7.2619,
4.1482

■ 43.4800, 15.5394,
9.2260

■ 65.5750, 4.6465,
3.0037

■ 38.1750, 18.1547,
10.3705

■ 71.1680, 1.8892,
0.7297

■ 32.2830, 21.0595,
12.0298

■ 76.4730, -0.7262,
-0.4148

■ 26.9780, 23.6748,
13.1743

■ 82.3650, -3.6309,
-2.0741

■ 21.3850, 26.4322,
15.4484

■ 87.6700, -6.2463,
-3.2186

■ 19.9120, 27.1584,
15.8632

■ 93.2630, -9.0037,
-5.4927

■ 98.5680, -11.6190,
-6.6371

■ 104.4600,
-14.5238, -8.2964

Harmonies

Analogous

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



52.0060, 14.2940, -11.4063



54.3780, 10.1666, 5.8075



54.2610, 4.3083, 18.1881

Triad

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



54.3780, 10.1666, 5.8075



52.5430, -13.5787, 15.3098



41.8320, 7.9708, -36.6867

Complementary

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



54.3780, 10.1666, 5.8075



67.6220, -10.1666, -5.8075

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.



46.4010, -1.6767, -22.2767



54.3780, 10.1666, 5.8075



51.3630, -13.9830, 4.9436

Square

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



54.3780, 10.1666, 5.8075



53.0260, -9.3798, 21.9022



49.1380, -9.4350, -7.1370



43.3140, 13.6492, -37.9864

Rectangle

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



54.3780, 10.1666, 5.8075



54.0290, -0.5073, 22.7766



49.1380, -9.4350, -7.1370



41.5610, 5.6394, -35.5720

Sweetspot

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



54.3780, 10.1666, 5.8075



89.0480, 3.9203, 2.5889



58.4100, 8.1789, -10.0066



43.5810, 2.1786, 1.2445



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



54.3780, 10.1666, 5.8075



64.5940, 15.9762, 9.1261



58.5640, 8.1029, 14.4144



35.0540, 1.4524, 0.8296



26.8770, 37.0356, 21.1559



60.6050, 83.5117, 47.7044

Inverse Universe

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



56.9680, 1.9878, 15.8141



68.6640, 3.1236, 24.8507



63.4360, -8.1029, -14.4144



35.4240, 0.2840, 2.2592



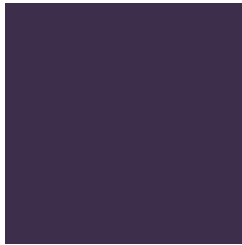
36.3120, 7.2412, 57.6084



81.8800, 16.3282, 129.9012

Previews

White Background



This preview shows how the YUV color 54.3780, 10.1666, 5.8075 looks on a white background.

Color Contrast Check

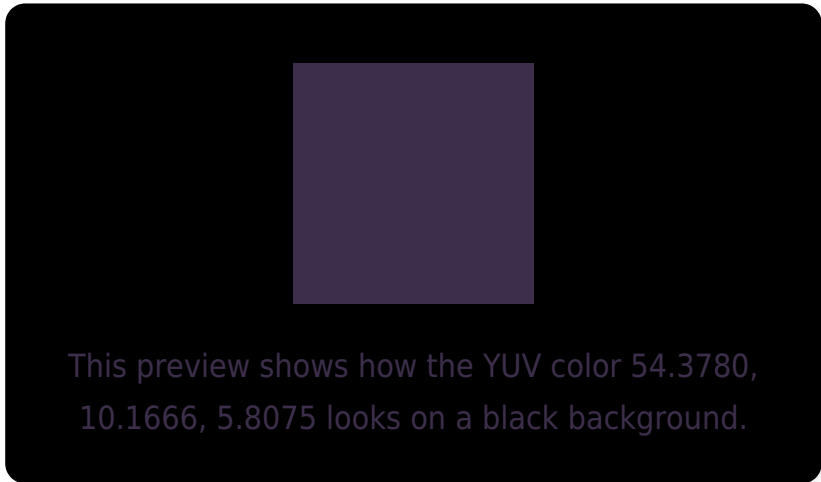
Large Text (above 18pt) WCAG AA ✓ Pass

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

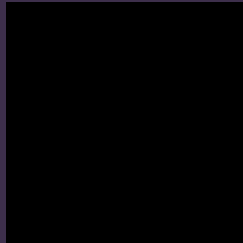
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.3780, 10.1666, 5.8075

Background



This preview shows how black text looks on a background with the YUV color 54.3780, 10.1666, 5.8075.



This preview shows how white text looks on a background with the YUV color 54.3780, 10.1666,

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

54.3780, 10.1666, 5.8075

Protanopia

52.6860, 12.9728, -7.6176

Deuteranopia

52.7140, 10.4940, -5.8882



Tritanopia

53.5490, 0.7153, 3.9035

Trichromacy



Original Color

54.3780, 10.1666, 5.8075

Protanomaly

53.1920, 12.2303, -2.7994

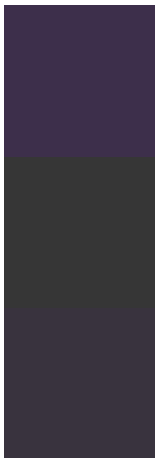
Deuteranomaly

53.0350, 10.3357, -1.7847

Tritanomaly

54.0590, 3.9149, 4.3333

Monochromacy



Original Color

54.3780, 10.1666, 5.8075

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.0480, 3.9203, 2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.3780, 10.1666, 5.8075 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(61, 47, 75)` looks like.

```
.text, #text, p{  
    color:rgb(61, 47, 75)  
}
```

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(61, 47, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 47, 75) }
```

Border

The CSS property to change the border of an element to YUV 54.3780, 10.1666, 5.8075 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(61, 47, 75) }
```


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

```
.border{ border-color:rgb(61, 47, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 47, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 47, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 47, 75);  
box-shadow:4px 4px 4px 4px rgb(61, 47, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.3780, 10.1666, 5.8075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 47, 75) }
```

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

```
.background{ background-color: rgb(61, 47,  
75) }
```

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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