

Converting Colors

YUV(33.9850, 19.7274, 19.3072)

Have a look what the booklet for
YUV(33.9850, 19.7274, 19.3072)
contains.

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Color

**YUV(33.9850, 19.7274,
19.3072)**

Conversions

Conversions Part 1

Format	Color
Hex	380F4A
RGB	56, 15, 74
RGB Percent	22%, 6%, 29%
CMY	0.7804, 0.9412, 0.7098
CMYK	0.24, 0.80, 0.00, 0.71
HSL	282°, 66%, 17%
HSV	282°, 80%, 29%
XYZ	3.0377, 1.6768, 6.6421
YIQ	33.9850, 5.4970, 27.0410

Conversions

Conversions Part 2

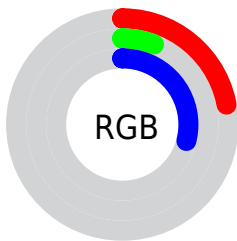
Format	Color
R_{YB}	56, 15, 74
Decimal	3673930
CIE _{Lab}	13.69, 30.70, -27.54
CIE _{LCh}	14, 41.241, 318.103
Yxy	1.6768, 0.2675, 0.1477
Android (android.graphics.Color)	4281864010 (0xFF380F4A)
YUV	33.9850, 19.7274, 19.3072
Hunter-Lab	12.9492, 19.2132, -21.3476

Details

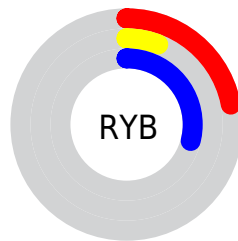
The YUV color **33.9850, 19.7274, 19.3072** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **55.0150, -19.7274, -19.3072**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.8110, 20.3062, 20.3368**, and **3.3060, 12.6671, -2.8994** is the 20% darker color. If you saturate the color by 10%, you get **29.2780, 22.0479, 21.6812**, and if you desaturate by 10%, it is **38.6920, 17.4068, 16.9331**.

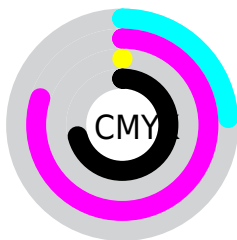
Distribution



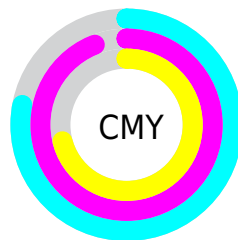
- Red (22%)
- Green (6%)
- Blue (29%)



- Red (22%)
- Yellow (6%)
- Blue (29%)



- Cyan (24%)
- Magenta (80%)
- Yellow (0%)
- Black (71%)



- Cyan (78%)
- Magenta (94%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.9850, 19.7274, 19.3072 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 33.9850, 19.7274, 19.3072 by changing the saturation by 10% instead.

■ 33.9850, 19.7274,
19.3072

■ 33.9850, 19.7274,
19.3072

■ 250.3040, 2.3151,
4.1184

■ 15.9800, 17.2649,
15.8035

■ 81.8110, 20.3062,
20.3368

■ 3.3060, 12.6671,
-2.8994

■ 106.6370, 20.8850,
21.3664

■ 0.0000, 0.0000,
0.0000


■ 132.4630, 21.4637,
22.3959


■ 158.7020, 22.3319,
23.9403


■ 186.1150, 22.6213,
24.4551


■ 212.9580, 20.7267,


25.4698


 233.2810, 10.7075,
19.0476


 33.9850, 19.7274,
19.3072


 33.9850, 19.7274,
19.3072


 29.2780, 22.0479,
21.6812


 38.6920, 17.4068,
16.9331

 23.6850, 24.8053,
23.9553

 44.2850, 14.6495,
14.6591

 48.9920, 12.3289,
12.2850

 54.2860, 9.7190,
9.3962

 58.9930, 7.3985,
7.0221

■ 63.9990, 4.9305,
5.2629

■ 69.2930, 2.3206,
2.3740

■ 74.0000, 0.0000,
0.0000

■ 79.2940, -2.6099,
-2.8888

Harmonies

Analogous

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



29.7450, 30.1987, -26.0864



33.9850, 19.7274, 19.3072



29.0930, 9.3212, 43.7684

Triad

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



33.9850, 19.7274, 19.3072



33.7560, -16.6417, 17.7540



33.5170, 9.1121, -29.3944

Complementary

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



33.9850, 19.7274, 19.3072



55.0150, -19.7274, -19.3072

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.



29.5100, -3.7024, -25.8803



33.9850, 19.7274, 19.3072



31.2650, -15.4136, -2.8634

Square

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



33.9850, 19.7274, 19.3072



28.8710, -14.2334, 38.7011



25.8280, -12.7332, -22.6512



35.8940, 20.7583, -31.4790

Rectangle

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



33.9850, 19.7274, 19.3072



28.1230, 0.4324, 48.1271



25.8280, -12.7332, -22.6512



32.3770, 4.7441, -28.3946

Sweetspot

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



33.9850, 19.7274, 19.3072



81.4060, 7.6878, 7.5369



32.8790, 20.2727, -15.6799



38.5860, 4.6411, 4.7481



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.



33.9850, 19.7274, 19.3072



34.0370, 31.0408, 30.6626



38.1130, 12.2693, 31.4729



35.3530, 1.3050, 1.4444



32.8570, 34.0875, 33.4514



73.7610, 77.0258, 74.7546

Inverse Universe

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



34.6930, -0.8346, 34.4722



34.9990, -1.4785, 54.3749



50.8870, -12.2693, -31.4729



35.4240, 0.2840, 2.2592



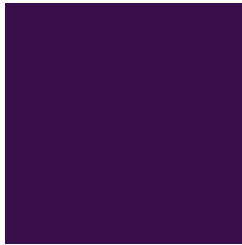
34.0320, -1.4948, 59.6079



76.7500, -3.3277, 134.4002

Previews

White Background



This preview shows how the YUV color 33.9850, 19.7274, 19.3072 looks on a white background.

Color Contrast Check

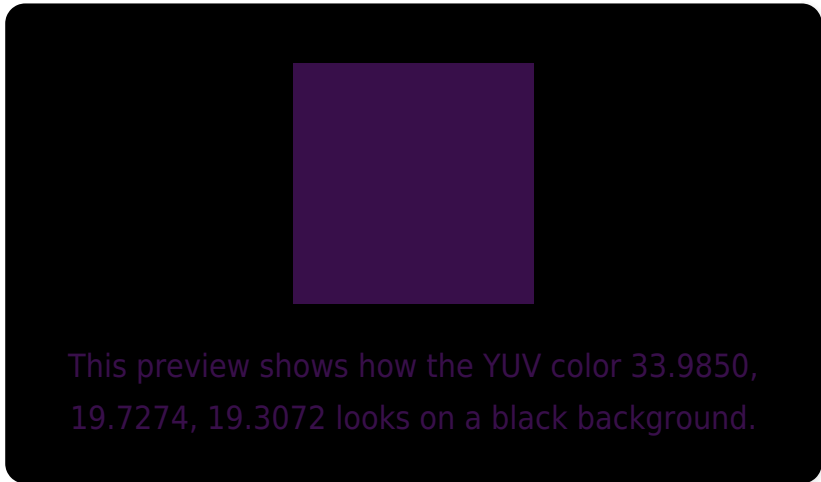
Large Text (above 18pt) WCAG AA ✓ Pass

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

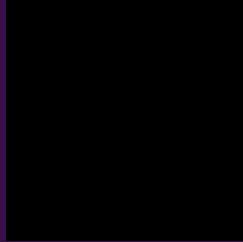
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.9850, 19.7274, 19.3072

Background



This preview shows how black text looks on a background with the YUV color 33.9850, 19.7274, 19.3072.



This preview shows how white text looks on a background with the YUV color 33.9850, 19.7274,

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

33.9850, 19.7274, 19.3072

Protanopia

29.0950, 22.6312, -25.5163

Deuteranopia

29.2430, 18.1212, -25.6461



Tritanopia

37.0230, -1.4903, 11.3808

Trichromacy



Original Color

33.9850, 19.7274, 19.3072

Protanomaly

30.9660, 21.7088, -9.6172

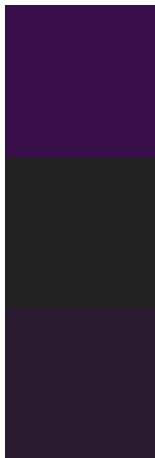
Deuteranomaly

30.8690, 18.7986, -9.5321

Tritanomaly

35.8090, 6.5032, 14.1995

Monochromacy



Original Color

33.9850, 19.7274, 19.3072

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.9930, 7.3985, 7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.9850, 19.7274, 19.3072 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(56, 15, 74)` looks like.

```
.text, #text, p{  
    color:rgb(56, 15, 74)  
}
```

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(56, 15, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 15, 74) }
```

Border

The CSS property to change the border of an element to YUV 33.9850, 19.7274, 19.3072 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(56, 15, 74) }
```


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

```
.border{ border-color:rgb(56, 15, 74) }
```

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

Here you see how a box with a 4 pixel rgb(56, 15, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 15, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 15, 74);  
box-shadow:4px 4px 4px 4px rgb(56, 15, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.9850, 19.7274, 19.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 15, 74) }
```

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

```
.background{ background-color: rgb(56, 15,  
74) }
```

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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