

Converting Colors

YUV(39.6080, 4.6303, 8.2368)

Have a look what the booklet for
YUV(39.6080, 4.6303, 8.2368)
contains.

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Color

**YUV(39.6080, 4.6303,
8.2368)**

Conversions

Conversions Part 1

Format	Color
Hex	312131
RGB	49, 33, 49
RGB Percent	19%, 13%, 19%
CMY	0.8078, 0.8706, 0.8078
CMYK	0.00, 0.33, 0.00, 0.81
HSL	300°, 20%, 16%
HSV	300°, 33%, 19%
XYZ	2.3649, 1.9624, 3.1599
YIQ	39.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

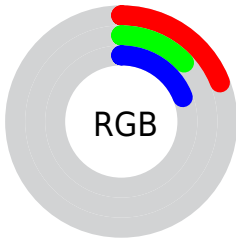
Format	Color
R_{YB}	49, 33, 49
Decimal	3219761
CIE _{Lab}	15.29, 11.10, -7.51
CIE _{LCh}	15, 13.407, 325.908
Yxy	1.9624, 0.3159, 0.2621
Android (android.graphics.Color)	4281409841 (0xFF312131)
YUV	39.6080, 4.6303, 8.2368
Hunter-Lab	14.0087, 5.6180, -3.5677

Details

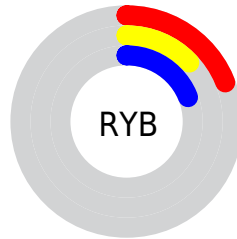
The YUV color **39.6080, 4.6303, 8.2368** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42.3920, -4.6303, -8.2368**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.4340, 5.2090, 9.2664**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.6730, 6.0772, 10.8108**, and if you desaturate by 10%, it is **42.5430, 3.1833, 5.6628**.

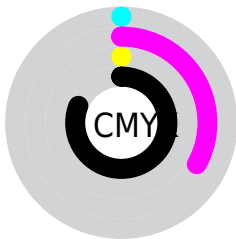
Distribution



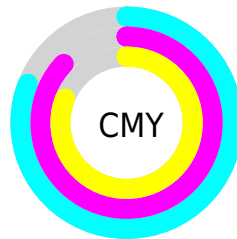
- Red (19%)
- Green (13%)
- Blue (19%)



- Red (19%)
- Yellow (13%)
- Blue (19%)



- Cyan (0%)
- Magenta (33%)
- Yellow (0%)
- Black (81%)



- Cyan (81%)
- Magenta (87%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.6080, 4.6303, 8.2368 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 39.6080, 4.6303, 8.2368 by changing the saturation by 10% instead.

■ 39.6080, 4.6303,
8.2368

■ 39.6080, 4.6303,
8.2368

■ 255.0000, 0.0000,
0.0000

■ 18.3200, 4.7722,
9.3664

■ 84.4340, 5.2090,
9.2664

■ 0.0000, 0.0000,
0.0000

■ 108.8470, 5.4984,
9.7812

■ 134.2600, 5.7878,
10.2960

■ 160.5590, 5.6404,
10.9108

■ 187.5590, 5.6404,
10.9108

■ 215.5590, 5.6404,

10.9108

243.2600, 5.7878,
10.2960

39.6080, 4.6303,
8.2368

39.6080, 4.6303,
8.2368

36.6730, 6.0772,
10.8108

42.5430, 3.1833,
5.6628

33.7380, 7.5242,
13.3848

45.4780, 1.7363,
3.0888

30.8030, 8.9711,
15.9588

48.4130, 0.2894,
0.5148

27.8680, 10.4181,
18.5328

51.3480, -1.1576,
-2.0592

25.5200, 11.5756,
20.5920

54.2830, -2.6045,
-4.6332

■ 22.5850, 13.0226,
23.1660

■ 56.6310, -3.7621,
-6.6924

■ 20.2370, 14.1802,
25.2252

■ 59.5660, -5.2090,
-9.2664

■ 62.5010, -6.6560,
-11.8404

■ 65.4360, -8.1029,
-14.4144

Harmonies

Analogous

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



38.7640, 8.0043, -0.6700



39.6080, 4.6303, 8.2368



39.2020, 0.3934, 13.8548

Triad

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



39.6080, 4.6303, 8.2368



37.6390, -9.1890, 7.3326



31.3820, 7.2067, -24.8910

Complementary

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



39.6080, 4.6303, 8.2368



42.3920, -4.6303, -8.2368

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.



33.3460, 1.8014, -17.8434



39.6080, 4.6303, 8.2368



36.6380, -7.7095, -0.5595

Square

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



39.6080, 4.6303, 8.2368



38.4270, -7.6055, 12.7805



35.2070, -4.0461, -8.9515



32.9030, 10.4008, -22.7169

Rectangle

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



39.6080, 4.6303, 8.2368



39.1160, -2.5222, 15.6843



35.2070, -4.0461, -8.9515



31.6380, 5.6015, -23.3615

Sweetspot

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



39.6080, 4.6303, 8.2368



59.8910, 2.0257, 3.6036



34.8240, 6.9888, -1.5996



30.6520, 1.1576, 2.0592



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



39.6080, 4.6303, 8.2368



49.3250, 7.2348, 12.8700



38.6960, 1.1359, 9.0366



24.2390, 0.8682, 1.5444



36.7570, 25.7558, 45.8171



89.6210, 62.7978, 111.7114

Inverse Universe

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



39.6080, 4.6303, 8.2368



49.3250, 7.2348, 12.8700



43.3040, -1.1359, -9.0366



24.2390, 0.8682, 1.5444



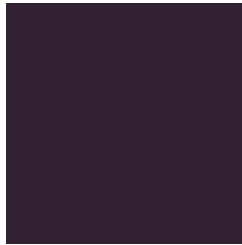
36.7570, 25.7558, 45.8171



89.6210, 62.7978, 111.7114

Previews

White Background



This preview shows how the YUV color 39.6080, 4.6303, 8.2368 looks on a white background.

Color Contrast Check

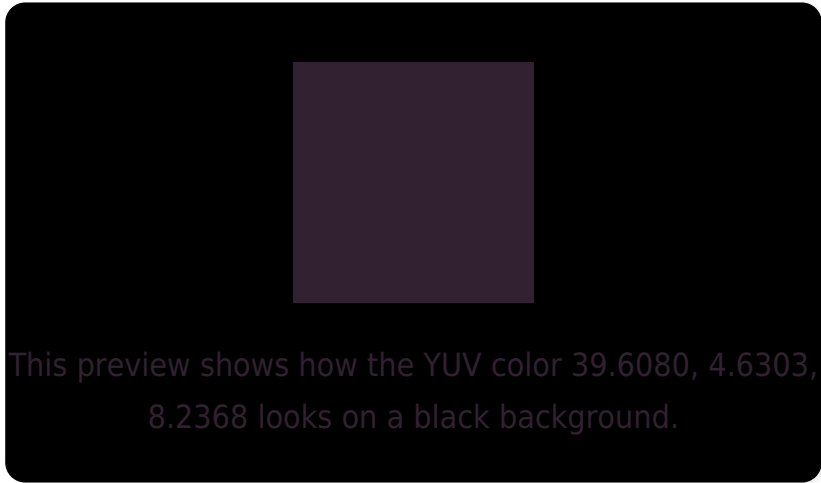
Large Text (above 18pt) WCAG AA ✓ Pass

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

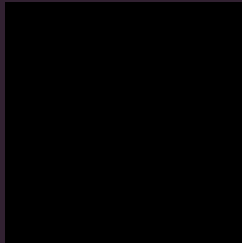
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.6080, 4.6303, 8.2368

Background



This preview shows how black text looks on a background with the YUV color 39.6080, 4.6303, 8.2368.



This preview shows how white text looks on a background with the YUV color 39.6080, 4.6303,

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

39.6080, 4.6303, 8.2368

Protanopia

38.5140, 7.1416, -3.9588

Deuteranopia

38.8410, 4.5154, -1.6146



Tritanopia

39.2290, -0.6059, 7.6922

Trichromacy



Original Color

39.6080, 4.6303, 8.2368

Protanomaly

38.7210, 6.5465, 0.2447

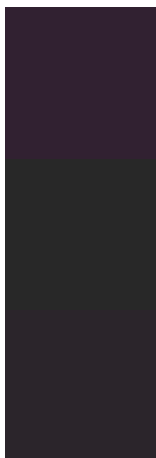
Deuteranomaly

38.8630, 4.5045, 1.8741

Tritanomaly

39.0980, 1.4307, 7.8071

Monochromacy



Original Color

39.6080, 4.6303, 8.2368

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.4780, 1.7363, 3.0888

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.6080, 4.6303, 8.2368 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(49, 33, 49)` looks like.

```
.text, #text, p{  
    color:rgb(49, 33, 49)  
}
```

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(49, 33, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 33, 49) }
```

Border

The CSS property to change the border of an element to YUV 39.6080, 4.6303, 8.2368 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(49, 33, 49) }
```


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

```
.border{ border-color:rgb(49, 33, 49) }
```

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

Here you see how a box with a 4 pixel rgb(49, 33, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 33, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 33, 49);  
box-shadow:4px 4px 4px 4px rgb(49, 33, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.6080, 4.6303, 8.2368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 33, 49) }
```

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

```
.background{ background-color: rgb(49, 33,  
49) }
```

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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