

Converting Colors

YUV(39.0300, -1.9868, 30.6687)

Have a look what the booklet for
YUV(39.0300, -1.9868, 30.6687)
contains.

YUV(39.0300, -1.9868, 30.6687)	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(39.0300, -1.9868,
30.6687)**

Conversions

Conversions Part 1

Format	Color
Hex	4A1623
RGB	74, 22, 35
RGB Percent	29%, 9%, 14%
CMY	0.7098, 0.9137, 0.8627
CMYK	0.00, 0.70, 0.53, 0.71
HSL	345°, 54%, 19%
HSV	345°, 70%, 29%
XYZ	3.4143, 2.1510, 1.8253
YIQ	39.0300, 26.8190, 15.0670

Conversions

Conversions Part 2

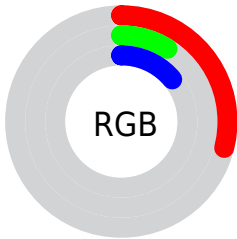
Format	Color
R_{YB}	74, 22, 35
Decimal	4855331
CIE _{Lab}	16.26, 25.92, 4.43
CIE _{LCh}	16, 26.300, 9.708
Yxy	2.1510, 0.4620, 0.2910
Android (android.graphics.Color)	4283045411 (0xFF4A1623)
YUV	39.0300, -1.9868, 30.6687
Hunter-Lab	14.6663, 15.8887, 2.8873




Details

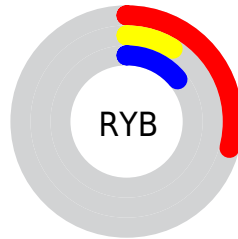
The YUV color **39.0300, -1.9868, 30.6687** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **56.9700, 1.9868, -30.6687**, and the grayscale version is **39.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **86.5960, -3.7448, 34.5573**, and **6.2790, -3.0955, 12.9103** is the 20% darker color. If you saturate the color by 10%, you get **34.2370, -2.5818, 34.8722**, and if you desaturate by 10%, it is **43.8230, -1.3917, 26.4652**.

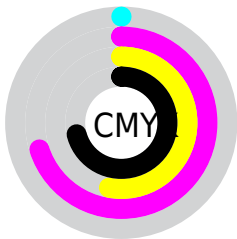
Distribution







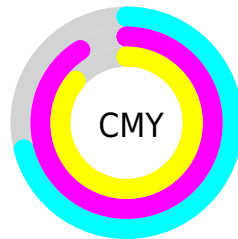
-  Red (29%)
-  Green (9%)
-  Blue (14%)






-  Red (29%)
-  Yellow (9%)
-  Blue (14%)



-  Cyan (0%)
-  Magenta (70%)
-  Yellow (53%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (91%)
-  Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.0300, -1.9868, 30.6687 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 39.0300, -1.9868, 30.6687 by changing the saturation by 10% instead.

■ 39.0300, -1.9868,
30.6687

■ 39.0300, -1.9868,
30.6687

■ 255.0000, 0.0000,
0.0000

■ 16.4320, -1.6920,
29.4391

■ 86.5960, -3.7448,
34.5573

■ 6.2790, -3.0955,
12.9103

■ 112.0800, -4.4764,
35.8868

■ 0.0000, 0.0000,
0.0000

■ 137.6780, -4.7713,
37.1164

■ 164.2760, -5.0661,
38.3459

■ 191.8740, -5.3609,
39.5755

■ 216.1830, -4.0342,

34.0425

235.9250, 0.5300,
16.7288

39.0300, -1.9868,
30.6687

39.0300, -1.9868,
30.6687

34.2370, -2.5818,
34.8722

43.8230, -1.3917,
26.4652

28.9710, -2.4507,
39.4904

49.0890, -1.5229,
21.8469

24.2920, -2.6090,
43.5939

53.8820, -0.9278,
17.6435

59.1480, -1.0590,
13.0252

63.9410, -0.4639,
8.8217

■ 68.6200, -0.3057,
4.7183

■ 74.0000, 0.0000,
0.0000

■ 78.6790, 0.1583,
-4.1035

■ 84.0590, 0.4639,
-8.8217

Harmonies

Analogous

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



40.8640, 6.4760, 22.9213



39.0300, -1.9868, 30.6687



39.0160, -10.8539, 28.0500

Triad

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



39.0300, -1.9868, 30.6687



34.9760, -13.7922, -9.6260



35.5520, 19.4479, -31.1791

Complementary

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



39.0300, -1.9868, 30.6687



56.9700, 1.9868, -30.6687

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.



36.0590, 13.7749, -31.6237



39.0300, -1.9868, 30.6687



31.2540, -2.0972, -27.4098

Square

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



39.0300, -1.9868, 30.6687



37.5220, -18.4983, 6.5582



34.0070, 5.9125, -29.8241



35.2480, 20.5837, -22.1425

Rectangle

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



39.0300, -1.9868, 30.6687



38.5610, -17.5316, 23.1870



34.0070, 5.9125, -29.8241



35.7970, 17.8481, -31.3940

Sweetspot

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



39.0300, -1.9868, 30.6687



83.5500, -0.7641, 11.7957



39.5890, 16.9646, 18.7774



39.9300, -0.4585, 7.0774



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.



39.0300, -1.9868, 30.6687



42.4990, -3.2040, 47.7974



45.1790, -11.4272, 25.2760



35.3100, -0.1528, 2.3591



33.4620, -3.6788, 60.1078



75.2680, -9.0061, 135.7000

Inverse Universe

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



39.0300, -1.9868, 30.6687



42.4990, -3.2040, 47.7974



50.8210, 11.4272, -25.2760



35.3100, -0.1528, 2.3591



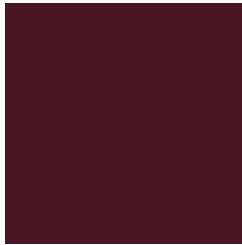
33.4620, -3.6788, 60.1078



75.2680, -9.0061, 135.7000

Previews

White Background



This preview shows how the YUV color 39.0300, -1.9868, 30.6687 looks on a white background.

Color Contrast Check

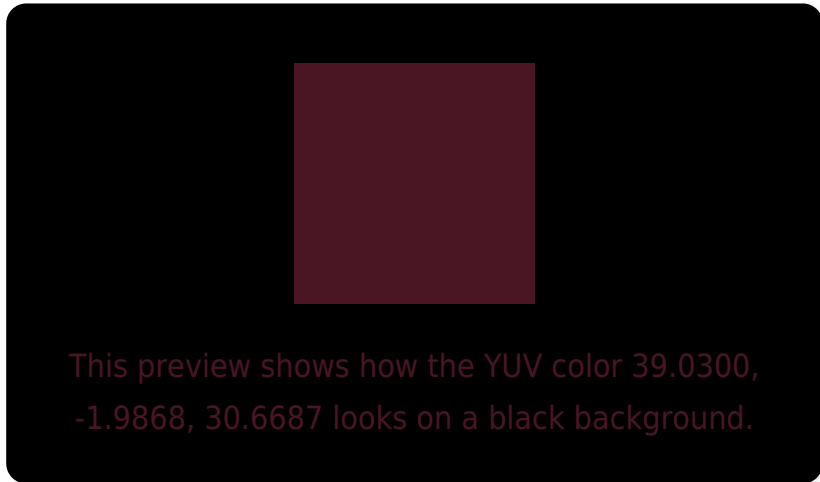
Large Text (above 18pt) WCAG AA ✓ Pass

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

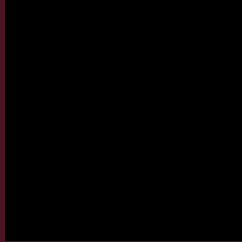
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.0300, -1.9868, 30.6687

Background



This preview shows how black text looks on a background with the YUV color 39.0300, -1.9868, 30.6687.



This preview shows how white text looks on a background with the YUV color 39.0300, -1.9868,

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

39.0300, -1.9868, 30.6687

Protanopia

42.3420, 1.3104, -0.2999

Deuteranopia

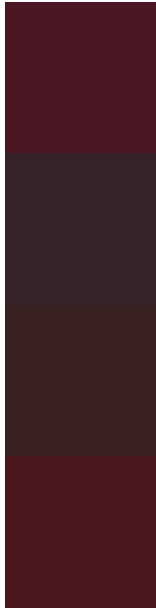
41.7790, -4.8210, 6.3328



Tritanopia

38.7650, -6.7861, 30.0241

Trichromacy



Original Color

39.0300, -1.9868, 30.6687

Protanomaly

41.3650, -0.1799, 11.0809

Deuteranomaly

40.4750, -3.6852, 15.3694

Tritanomaly

38.6340, -4.7496, 30.1390

Monochromacy



Original Color

39.0300, -1.9868, 30.6687

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.2510, -0.6167, 11.1809

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.0300, -1.9868, 30.6687 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(74, 22, 35)` looks like.

```
.text, #text, p{  
    color:rgb(74, 22, 35)  
}
```

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(74, 22, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 22, 35) }
```

Border

The CSS property to change the border of an element to YUV 39.0300, -1.9868, 30.6687 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(74, 22, 35) }
```


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

```
.border{ border-color:rgb(74, 22, 35) }
```

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

Here you see how a box with a 4 pixel rgb(74, 22, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 22, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 22, 35);  
box-shadow:4px 4px 4px 4px rgb(74, 22, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.0300, -1.9868, 30.6687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 22, 35) }
```

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

```
.background{ background-color: rgb(74, 22,  
35) }
```

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