

Converting Colors

YUV(39.9300, 13.3455, 59.6974)

Have a look what the booklet for
YUV(39.9300, 13.3455, 59.6974)
contains.

YUV(39.9300, 13.3455, 59.6974)	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(39.9300, 13.3455,
59.6974)**

Conversions

Conversions Part 1

Format	Color
Hex	6C0043
RGB	108, 0, 67
RGB Percent	42%, 0%, 26%
CMY	0.5765, 1.0000, 0.7373
CMYK	0.00, 1.00, 0.38, 0.58
HSL	323°, 100%, 21%
HSV	323°, 100%, 42%
XYZ	7.1975, 3.5934, 5.6244
YIQ	39.9300, 42.8610, 43.7330

Conversions

Conversions Part 2

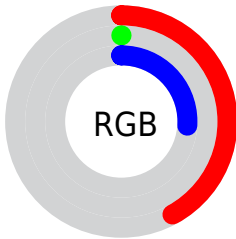
Format	Color
RYB	108, 0, 67
Decimal	7077955
CIELab	22.28, 46.54, -8.49
CIELCh	22, 47.308, 349.665
Yxy	3.5934, 0.4385, 0.2189
Android (android.graphics.Color)	4285268035 (0xFF6C0043)
YUV	39.9300, 13.3455, 59.6974
Hunter-Lab	18.9562, 34.6009, -4.3223

Details

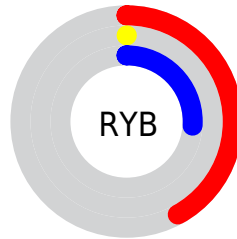
The YUV color **39.9300, 13.3455, 59.6974** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **68.0700, -13.3455, -59.6974**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.4150, 7.6834, 55.7640**, and **19.8930, 2.5178, 32.5428** is the 20% darker color. If you saturate the color by 10%, you get **39.9300, 13.3455, 59.6974**, and if you desaturate by 10%, it is **46.8430, 11.9094, 53.6347**.

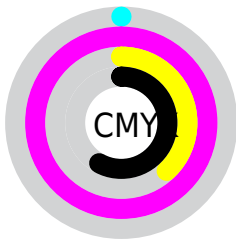
Distribution



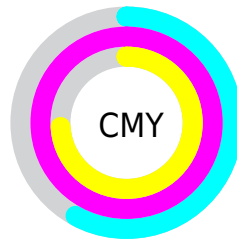
- Red (42%)
- Green (0%)
- Blue (26%)



- Red (42%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.9300, 13.3455, 59.6974 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 39.9300, 13.3455, 59.6974 by changing the saturation by 10% instead.

■ 39.9300, 13.3455,
59.6974

■ 39.9300, 13.3455,
59.6974

■ 255.0000, 0.0000,
0.0000

■ 29.3490, 7.7159,
45.2979

■ 99.4150, 7.6834,
55.7640

■ 19.8930, 2.5178,
32.5428

■ 126.3120, 7.2412,
57.6084

■ 7.8880, -3.3958,
15.8842

■ 153.2090, 6.7990,
59.4527


■ 0.0000, 0.0000,
0.0000


■ 180.8070, 6.5041,
60.6823


■ 201.9300, 9.8945,
46.5424


■ 221.6720, 14.4587,

29.2287


 239.1510, 7.8136,
13.8996

 39.9300, 13.3455,
59.6974

 46.8430, 11.9094,
53.6347

 53.7560, 10.4733,
47.5720

 60.0820, 9.3266,
42.0241

 66.9950, 7.8905,
35.9614

 73.9080, 6.4544,
29.8987

■ 80.9350, 5.4550,
23.7360

■ 87.8480, 4.0189,
17.6733

■ 94.1740, 2.8722,
12.1254

■ 101.0870, 1.4361,
6.0627

Harmonies

Analogous

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



52.8270, 22.7633, 25.5847



39.9300, 13.3455, 59.6974



37.7230, -2.8214, 65.1409

Triad

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



39.9300, 13.3455, 59.6974



47.5010, -23.4180, -2.1934



51.5270, 27.3482, -45.1892

Complementary

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



39.9300, 13.3455, 59.6974



68.0700, -13.3455, -59.6974

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.



48.5800, 13.5181, -42.6047



39.9300, 13.3455, 59.6974



37.5680, -18.5210, -32.9471

Square

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



39.9300, 13.3455, 59.6974



50.6120, -24.9517, 23.1423



43.7750, -2.3541, -38.3907



49.8290, 36.0733, -43.7000

Rectangle

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



39.9300, 13.3455, 59.6974



44.8190, -18.6448, 53.6557



43.7750, -2.3541, -38.3907



50.5010, 23.4170, -44.2894

Sweetspot

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



39.9300, 13.3455, 59.6974



113.5220, 5.1657, 23.2212



24.2720, 41.2779, 13.7935



55.2990, 3.3036, 13.7698



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



39.9300, 13.3455, 59.6974



51.7780, 17.3644, 77.3707



33.8880, -9.8048, 64.9962



50.2500, 0.8628, 3.2887



43.3050, 14.6396, 64.6305



90.5830, 30.2786, 135.4237

Inverse Universe

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



39.9300, 13.3455, 59.6974



51.7780, 17.3644, 77.3707



74.1120, 9.8048, -64.9962



50.2500, 0.8628, 3.2887



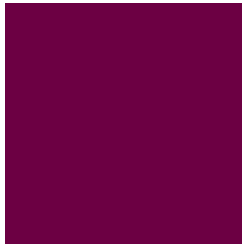
43.3050, 14.6396, 64.6305



90.5830, 30.2786, 135.4237

Previews

White Background



This preview shows how the YUV color 39.9300, 13.3455, 59.6974 looks on a white background.

Color Contrast Check

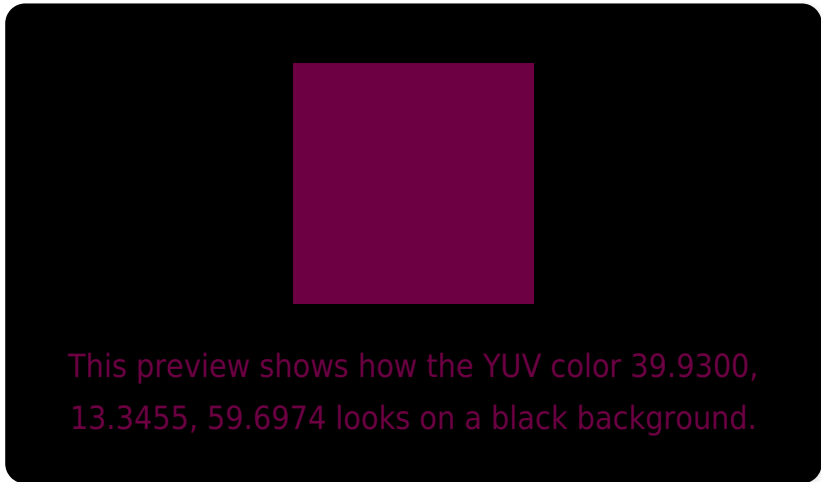
Large Text (above 18pt) WCAG AA ✓ Pass

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

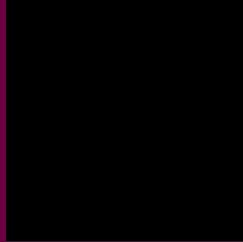
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.9300, 13.3455, 59.6974

Background



This preview shows how black text looks on a background with the YUV color 39.9300, 13.3455, 59.6974.



This preview shows how white text looks on a background with the YUV color 39.9300, 13.3455,

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

39.9300, 13.3455, 59.6974

Protanopia

56.0750, 19.6830, -13.2208

Deuteranopia

57.8800, 2.0312, 1.8592



Tritanopia

50.6210, -11.6452, 48.5674

Trichromacy



Original Color

39.9300, 13.3455, 59.6974

Protanomaly

50.2570, 17.1283, 12.9296

Deuteranomaly

51.4510, 6.1867, 22.4065

Tritanomaly

46.7600, -2.3467, 52.8305

Monochromacy



Original Color

39.9300, 13.3455, 59.6974

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.8100, 5.0237, 22.0916

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.9300, 13.3455, 59.6974 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(108, 0, 67)` looks like.

```
.text, #text, p{  
    color:rgb(108, 0, 67)  
}
```

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(108, 0, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 0, 67) }
```

Border

The CSS property to change the border of an element to YUV 39.9300, 13.3455, 59.6974 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(108, 0, 67) }
```


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

```
.border{ border-color:rgb(108, 0, 67) }
```

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

Here you see how a box with a 4 pixel rgb(108, 0, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 0, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 0, 67);  
box-shadow:4px 4px 4px 4px rgb(108, 0, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.9300, 13.3455, 59.6974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 0, 67) }
```

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

```
.background{ background-color: rgb(108, 0,  
67) }
```

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