

Converting Colors

YUV(88.1380, 41.3440, 39.3440)

Have a look what the booklet for
YUV(88.1380, 41.3440, 39.3440)
contains.

YUV(88.1380, 41.3440, 39.3440)	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(88.1380, 41.3440,
39.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	8531AC
RGB	133, 49, 172
RGB Percent	52%, 19%, 67%
CMY	0.4784, 0.8078, 0.3255
CMYK	0.23, 0.72, 0.00, 0.33
HSL	281°, 56%, 43%
HSV	281°, 72%, 67%
XYZ	18.2176, 10.1617, 40.0310
YIQ	88.1380, 10.5810, 56.0610

Conversions

Conversions Part 2

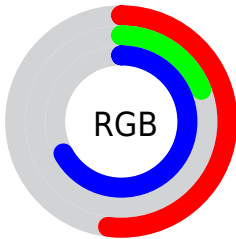
Format	Color
R_{YB}	133, 49, 172
Decimal	8729004
CIE _{Lab}	38.13, 54.96, -49.95
CIE _{LCh}	38, 74.265, 317.736
Yxy	10.1617, 0.2663, 0.1485
Android (android.graphics.Color)	4286919084 (0xFF8531AC)
YUV	88.1380, 41.3440, 39.3440
Hunter-Lab	31.8775, 46.2249, -52.1407

Details

The YUV color **88.1380, 41.3440, 39.3440** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **132.8620, -41.3440, -39.3440**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.9640, 41.9227, 40.3736**, and **36.8880, 40.4812, 36.0552** is the 20% darker color. If you saturate the color by 10%, you get **76.6640, 47.0006, 45.0217**, and if you desaturate by 10%, it is **99.6120, 35.6873, 33.6663**.

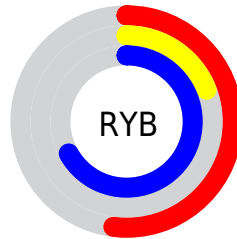
Distribution



Red (52%)

Green (19%)

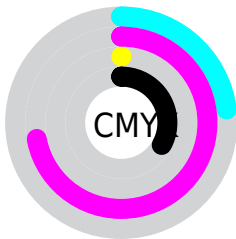
Blue (67%)



Red (52%)

Yellow (19%)

Blue (67%)

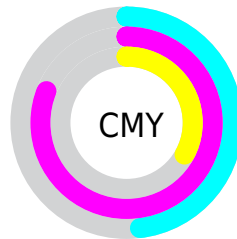


Cyan (23%)

Magenta (72%)

Yellow (0%)

Black (33%)



Cyan (48%)

Magenta (81%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1380, 41.3440, 39.3440 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 88.1380, 41.3440, 39.3440 by changing the saturation by 10% instead.

■ 88.1380, 41.3440,
39.3440

■ 88.1380, 41.3440,
39.3440

■ 255.0000, 0.0000,
0.0000

■ 58.4910, 42.6489,
40.7884

■ 142.9640, 41.9227,
40.3736

■ 36.8880, 40.4812,
36.0552

■ 170.2740, 41.7699,
42.7327

■ 25.8510, 33.1045,
22.0557

■ 195.3810, 29.3922,
46.1469

■ 15.6400, 26.3065,
9.0857

■ 213.9100, 20.2574,
36.0359

■ 5.2440, 20.0927,
-4.5990

■ 230.3460, 12.1544,
21.6216

■ 3.3230, 10.1938,
-2.9143

■ 247.3690, 3.7621,

■ 0.0000, 0.0000,

6.6924

0.0000

■ 88.1380, 41.3440,
39.3440

■ 88.1380, 41.3440,
39.3440

■ 76.6640, 47.0006,
45.0217

■ 99.6120, 35.6873,
33.6663

■ 64.8910, 52.8047,
50.0846

■ 111.3850, 29.8832,
28.6034

■ 54.5910, 57.8826,
54.7327

■ 123.4460, 23.9371,
22.4109

■ 135.2190, 18.1330,
17.3479

■ 146.6930, 12.4764,
11.6702

■ 158.4660, 6.6723,
6.6073

■ 169.9400, 1.0156,
0.9296

■ 182.3000, -5.0779,
-4.6481

■ 193.7740,
-10.7346, -10.3258

Harmonies

Analogous

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



74.0800, 65.5296, -64.9682



88.1380, 41.3440, 39.3440



67.4570, 24.4247, 99.5772

Triad

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



88.1380, 41.3440, 39.3440



84.6560, -41.7354, 39.7667



81.1680, 21.6092, -71.1843

Complementary

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



88.1380, 41.3440, 39.3440



132.8620, -41.3440, -39.3440

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.



72.8120, -5.3303, -63.8561



88.1380, 41.3440, 39.3440



80.5490, -39.7107, -3.1125

Square

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



88.1380, 41.3440, 39.3440



75.4840, -37.2136, 82.8905



63.3960, -31.2542, -55.5983



86.7370, 45.4857, -76.0683

Rectangle

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



88.1380, 41.3440, 39.3440



65.5880, 5.6261, 109.1093



63.3960, -31.2542, -55.5983



78.7740, 12.4364, -69.0848

Sweetspot

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



88.1380, 41.3440, 39.3440



191.9260, 15.8125, 14.9739



87.0890, 41.8611, -33.4041



92.8730, 9.4296, 8.8814



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



88.1380, 41.3440, 39.3440



92.4700, 64.8443, 61.8548



97.4050, 26.4223, 65.4198



80.8200, 3.0467, 2.7889



47.8970, 50.3368, 48.3253



7.4060, 7.6878, 7.5369

Inverse Universe

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



90.2230, -1.0959, 71.7184



95.7750, -1.3681, 112.4533



123.4810, -26.8591, -65.3198



81.0330, -0.0163, 5.2331



50.3220, -1.1447, 87.4176



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 88.1380, 41.3440, 39.3440 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 × Fail

Black Background



This preview shows how the YUV color 88.1380, 41.3440, 39.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

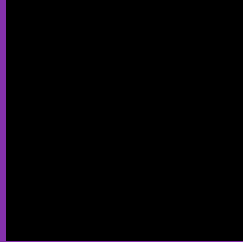
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.1380, 41.3440, 39.3440

Background



This preview shows how black text looks on a background with the YUV color 88.1380, 41.3440, 39.3440.



This preview shows how white text looks on a background with the YUV color 88.1380, 41.3440,

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

88.1380, 41.3440, 39.3440

Protanopia

72.1590, 55.6306, -63.2834

Deuteranopia

72.5860, 44.5741, -63.6579



Tritanopia

91.6440, -3.2755, 23.9912

Trichromacy



Original Color

88.1380, 41.3440, 39.3440



Protanomaly

77.7230, 50.4226, -26.0671



Deuteranomaly

77.8880, 43.4392, -26.2118



Tritanomaly

90.3300, 13.1483, 29.5286

Monochromacy



Original Color

88.1380, 41.3440, 39.3440



Achromatopsia

88.0000, 0.0000, 0.0000



Achromatomaly

88.1000, 15.2337, 13.9443

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1380, 41.3440, 39.3440 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(133, 49, 172)` looks like.

```
.text, #text, p{  
    color:rgb(133, 49, 172)  
}
```

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(133, 49, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 49, 172) }
```

Border

The CSS property to change the border of an element to YUV 88.1380, 41.3440, 39.3440 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(133, 49, 172) }
```


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

```
.border{ border-color:rgb(133, 49, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 49, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 49, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 49, 172);  
box-shadow:4px 4px 4px 4px rgb(133, 49,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 88.1380, 41.3440, 39.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 49, 172) }
```

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

```
.background{ background-color: rgb(133, 49,  
172) }
```

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