

Converting Colors

YUV(80.8060, -39.3444,
19.4641)

Have a look what the booklet for
YUV(80.8060, -39.3444, 19.4641)
contains.

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Color

**YUV(80.8060, -39.3444,
19.4641)**

Conversions

Conversions Part 1

Format	Color
Hex	675501
RGB	103, 85, 1
RGB Percent	40%, 33%, 0%
CMY	0.5961, 0.6667, 0.9961
CMYK	0.00, 0.17, 0.99, 0.60
HSL	49°, 98%, 20%
HSV	49°, 99%, 40%
XYZ	8.8475, 9.3828, 1.3735
YIQ	80.8060, 37.6920, -22.3080

Conversions

Conversions Part 2

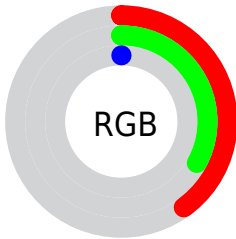
Format	Color
RYB	23, 103, 1
Decimal	6771969
CIELab	36.71, -0.60, 44.32
CIELCh	37, 44.329, 90.776
Yxy	9.3828, 0.4513, 0.4786
Android (android.graphics.Color)	4284962049 (0xFF675501)
YUV	80.8060, -39.3444, 19.4641
Hunter-Lab	30.6313, -2.0471, 18.7834

Details

The YUV color **80.8060, -39.3444, 19.4641** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **23.1940, 39.3444, -19.4641**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9850, -37.4606, 21.9382**, and **38.7290, -19.0934, 10.7617** is the 20% darker color. If you saturate the color by 10%, you get **80.6920, -39.7812, 19.5641**, and if you desaturate by 10%, it is **83.1200, -35.5552, 17.4348**.

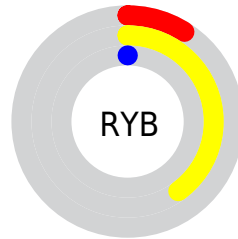
Distribution



Red (40%)

Green (33%)

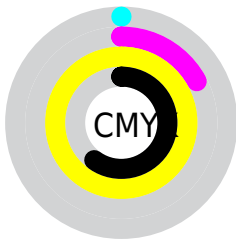
Blue (0%)



Red (9%)

Yellow (40%)

Blue (0%)

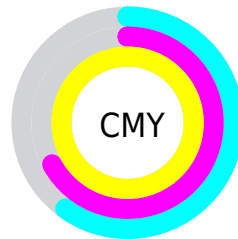


Cyan (0%)

Magenta (17%)

Yellow (99%)

Black (60%)



Cyan (60%)


Magenta (67%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 80.8060, -39.3444, 19.4641 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 80.8060, -39.3444, 19.4641 by changing the saturation by 10% instead.


 80.8060, -39.3444,
19.4641


 80.8060, -39.3444,
19.4641


 253.6320, -5.2416,
1.1997


 59.4170, -29.2926,
15.4203

 131.9850,
-37.4606, 21.9382


 38.7290, -19.0934,
10.7617


 158.7680,
-38.3396, 23.8825

 19.8130, -9.7678,
6.3030

 186.1380,
-39.5080, 25.3120

 0.0000, 0.0000,
0.0000

 214.2090,
-40.5290, 26.1267

 237.0120,
-38.4599, 15.7755

 247.1340,

-30.1391, 6.8985

■ 250.4400,
-17.4719, 3.9991

■ 80.8060, -39.3444,
19.4641

■ 80.8060, -39.3444,
19.4641

■ 80.6920, -39.7812,
19.5641

■ 83.1200, -35.5552,
17.4348

■ 85.5480, -31.3292,
15.3054

■ 87.2750, -27.2506,
13.7908

■ 89.5890, -23.4614,
11.7614

■ 92.0170, -19.2354,
9.6321

■ 94.3310, -15.4462,
7.6027

■ 96.6450, -11.6570,
5.5733

■ 98.9590, -7.8678,
3.5440

■ 100.8000, -3.3524,
1.9294

Harmonies

Analogous

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



83.3540, -30.2475, 41.7855



80.8060, -39.3444, 19.4641



77.7360, -29.9428, -9.4155

Triad

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



80.8060, -39.3444, 19.4641



74.3690, 23.4821, -65.2216



87.9980, 16.7630, 36.8358

Complementary

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



80.8060, -39.3444, 19.4641



23.1940, 39.3444, -19.4641

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.



87.4970, 29.8280, -0.4359



80.8060, -39.3444, 19.4641



74.9850, 35.9964, -65.7618

Square

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



80.8060, -39.3444, 19.4641



70.2650, 7.7574, -61.6224



70.8420, 42.9689, -62.1284



84.4060, 1.2788, 56.6489

Rectangle

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



80.8060, -39.3444, 19.4641



72.6110, -17.0632, -33.8618



70.8420, 42.9689, -62.1284



89.0720, 21.1635, 25.3699

Sweetspot

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



80.8060, -39.3444, 19.4641



126.3310, -15.4462, 7.6027



33.6640, -6.7364, 60.8077



63.2150, -9.4730, 5.0734



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



80.8060, -39.3444, 19.4641



105.5220, -52.0223, 25.8522



81.8040, -39.8364, -9.4751



49.8430, -1.8946, 1.0147



90.1500, -44.4439, 21.7935



189.1710, -93.2613, 46.3310

Inverse Universe

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



23.1940, 39.3444, -19.4641



29.4780, 52.0223, -25.8522



22.1960, 39.8364, 9.4751



47.1570, 1.8946, -1.0147



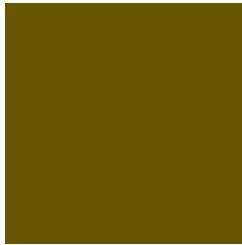
24.8500, 44.4440, -21.7934



52.8290, 93.2613, -46.3310

Previews

White Background



This preview shows how the YUV color 80.8060, -39.3444, 19.4641 looks on a white background.

Color Contrast Check

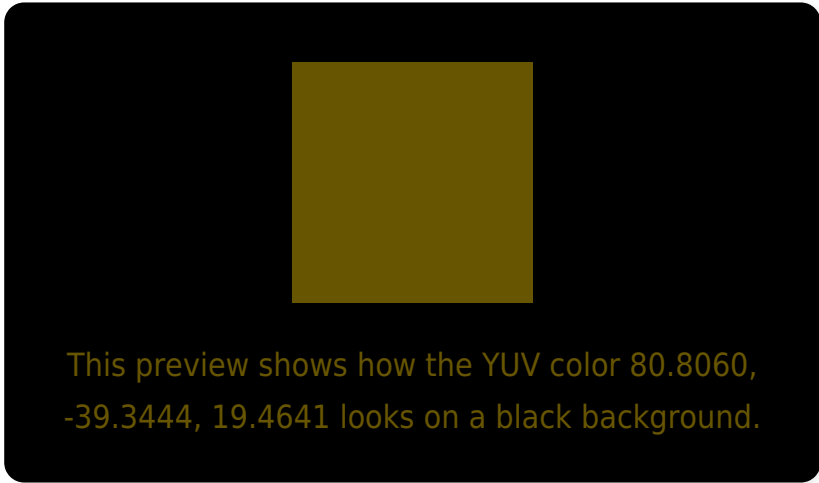
Large Text (above 18pt) WCAG AA ✓ Pass

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

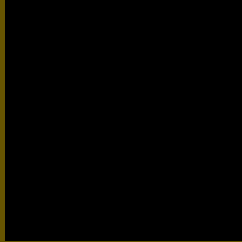
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.8060, -39.3444, 19.4641

Background



This preview shows how black text looks on a background with the YUV color 80.8060, -39.3444, 19.4641.

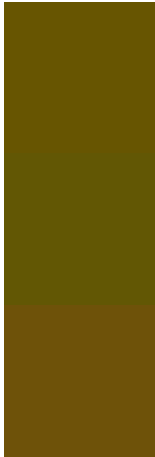


This preview shows how white text looks on a background with the YUV color 80.8060, -39.3444,

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

80.8060, -39.3444, 19.4641

Protanopia

80.8270, -37.8757, 15.0607

Deuteranopia

82.0500, -36.0136, 24.5122



Tritanopia

88.3550, -1.6540, 17.2287

Trichromacy



Original Color

80.8060, -39.3444, 19.4641

Protanomaly

80.7240, -38.3179, 16.9051

Deuteranomaly

81.3980, -37.1712, 22.4530

Tritanomaly

85.3970, -15.4787, 18.0688

Monochromacy



Original Color

80.8060, -39.3444, 19.4641

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.6730, -14.1358, 7.3028

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8060, -39.3444, 19.4641 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(103, 85, 1)` looks like.

```
.text, #text, p{  
    color:rgb(103, 85, 1)  
}
```

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(103, 85, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 85, 1) }
```

Border

The CSS property to change the border of an element to YUV 80.8060, -39.3444, 19.4641 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(103, 85, 1) }
```


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

```
.border{ border-color:rgb(103, 85, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 85, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 85, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 85, 1);  
box-shadow:4px 4px 4px 4px rgb(103, 85, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.8060, -39.3444, 19.4641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 85, 1) }
```

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

```
.background{ background-color: rgb(103, 85,  
1) }
```

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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