

Converting Colors

YUV(39.6870, 98.7543,
-34.8055)

Have a look what the booklet for
YUV(39.6870, 98.7543, -34.8055)
contains.

YUV(39.6870, 98.7543, -34.8055)	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>	30

Color

**YUV(39.6870, 98.7543,
-34.8055)**

Conversions

Conversions Part 1

Format	Color
Hex	0015F0
RGB	0, 21, 240
RGB Percent	0%, 8%, 94%
CMY	1.0000, 0.9176, 0.0588
CMYK	1.00, 0.91, 0.00, 0.06
HSL	235°, 100%, 47%
HSV	235°, 100%, 94%
XYZ	15.9963, 6.8276, 82.9128
YIQ	39.6870, -82.8150, 63.6570

Conversions

Conversions Part 2

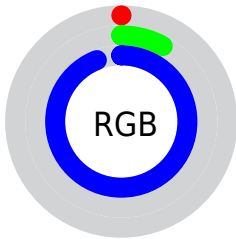
Format	Color
RYB	0, 19, 240
Decimal	5616
CIELab	31.41, 71.70, -100.89
CIELCh	31, 123.773, 305.399
Yxy	6.8276, 0.1513, 0.0646
Android (android.graphics.Color)	4278195696 (0xFF0015F0)
YUV	39.6870, 98.7543, -34.8055
Hunter-Lab	26.1297, 63.5491, -169.8440

Details

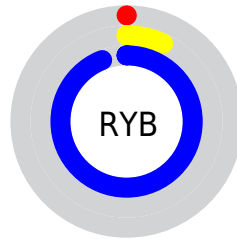
The YUV color **39.6870, 98.7543, -34.8055** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **200.3130, -98.7543, 34.8055**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.5400, 71.7118, 5.6654**, and **20.7480, 79.4972, -18.1960** is the 20% darker color. If you saturate the color by 10%, you get **39.6870, 98.7543, -34.8055**, and if you desaturate by 10%, it is **59.7770, 88.8499, -31.3764**.

Distribution



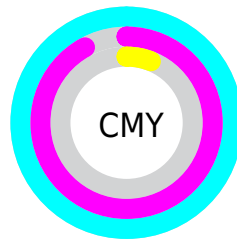
- Red (0%)
- Green (8%)
- Blue (94%)



- Red (0%)
- Yellow (7%)
- Blue (94%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (92%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.6870, 98.7543, -34.8055 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 39.6870, 98.7543, -34.8055 by changing the saturation by 10% instead.

■ 39.6870, 98.7543,
-34.8055

■ 39.6870, 98.7543,
-34.8055

255.0000, 0.0000,
0.0000

■ 24.0540, 92.1644,
-21.0954

■ 109.5400, 71.7118,
5.6654

■ 20.7480, 79.4972,
-18.1960

■ 135.2670, 59.0284,
13.7978

■ 17.5560, 67.2669,
-15.3966

■ 161.2820, 46.2030,
20.8007

■ 14.4780, 55.4733,
-12.6972

■ 187.5850, 33.2356,
26.6740

■ 20.9060, 39.4863,
-18.3346

■ 213.5890, 20.4156,
31.9324

■ 13.9470, 30.5921,
-12.2315


■ 231.5200, 11.5756,


■ 8.2760, 21.5559,


20.5920

-7.2581


 248.5430, 3.1833,
5.6628


 4.5940, 12.5252,
-4.0289

 0.0000, 0.0000,
0.0000

 39.6870, 98.7543,
-34.8055

 59.7770, 88.8499,
-31.3764

 79.8670, 78.9456,
-27.9474

 99.9570, 69.0412,
-24.5183

 120.0470, 59.1368,
-21.0892

■ 139.5500, 49.5218,
-17.1454

■ 159.6400, 39.6175,
-13.7163

■ 179.7300, 29.7131,
-10.2872

■ 199.8200, 19.8087,
-6.8581

■ 219.9100, 9.9044,
-3.4291

Harmonies

Analogous

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



81.9000, 85.3383, -71.8263



39.6870, 98.7543, -34.8055



75.1210, 40.8593, 101.6259

Triad

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



39.6870, 98.7543, -34.8055



53.9540, -26.5993, 85.1093



69.5470, 10.0833, -60.9927

Complementary

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



39.6870, 98.7543, -34.8055



200.3130, -98.7543, 34.8055

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.



57.5260, -28.3603, -50.4503



39.6870, 98.7543, -34.8055



68.5100, -33.7754, 6.5687

Square

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



39.6870, 98.7543, -34.8055



60.6970, -29.9236, 124.7997



55.1780, -27.2028, -48.3911



83.1810, 52.1688, -72.9497

Rectangle

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



39.6870, 98.7543, -34.8055



76.1970, 8.7769, 125.2382



55.1780, -27.2028, -48.3911



65.0840, -4.4784, -57.0787

Sweetspot

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



39.6870, 98.7543, -34.8055



191.1860, 31.4603, -10.6871



165.5040, 24.8945, -145.1470



89.5920, 18.9351, -6.6582



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



39.6870, 98.7543, -34.8055



41.9840, 105.0169, -36.8200



56.0640, 90.6804, 35.0239



109.9550, 4.9522, -1.7145



30.3680, 75.7406, -26.6327



9.3190, 23.0137, -8.1728

Inverse Universe

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



74.1540, -26.2049, 145.4469



78.7530, -27.9792, 154.5686



183.9360, -90.6804, -35.0239



111.7020, -1.3321, 7.2773



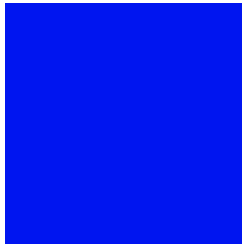
56.8400, -20.1341, 111.5193



17.3140, -6.0708, 33.9276

Previews

White Background



This preview shows how the YUV color 39.6870, 98.7543, -34.8055 looks on a white background.

Color Contrast Check

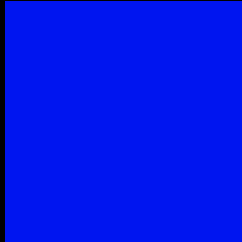
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 39.6870, 98.7543, -34.8055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

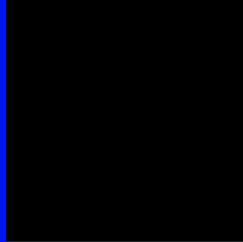
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.6870, 98.7543, -34.8055

Background



This preview shows how black text looks on a background with the YUV color 39.6870, 98.7543, -34.8055.



This preview shows how white text looks on a background with the YUV color 39.6870, 98.7543, -34.8055.

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



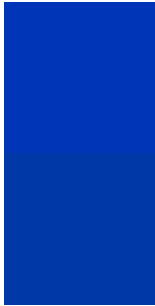
Protanopia

59.3640, 44.6835, -52.0622

Deuteranopia

59.0900, 33.4796, -51.8219

Trichromacy



Protanomaly

51.9730, 64.5963, -45.5803

Deuteranomaly

52.0240, 57.1762, -45.6250

Monochromacy



Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.7280, 36.1231, -12.9165

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.6870, 98.7543, -34.8055 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(0, 21, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 21, 240)  
}
```

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(0, 21, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 21, 240) }
```

Border

The CSS property to change the border of an element to YUV 39.6870, 98.7543, -34.8055 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(0, 21, 240) }
```

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

```
.border{ border-color:rgb(0, 21, 240) }
```

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

Here you see how a box with a 4 pixel rgb(0, 21, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 21, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 21, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 21, 240)  
}
```


Background

The CSS property to change the background color of an element to YUV 39.6870, 98.7543, -34.8055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 21, 240) }
```

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

```
.background{ background-color: rgb(0, 21,  
240) }
```

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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