

Converting Colors

YUV(39.1170, 96.5703,
-34.3056)

Have a look what the booklet for
YUV(39.1170, 96.5703, -34.3056)
contains.

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Color

**YUV(39.1170, 96.5703,
-34.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	0015EB
RGB	0, 21, 235
RGB Percent	0%, 8%, 92%
CMY	1.0000, 0.9176, 0.0784
CMYK	1.00, 0.91, 0.00, 0.08
HSL	235°, 100%, 46%
HSV	235°, 100%, 92%
XYZ	15.2636, 6.5345, 79.0541
YIQ	39.1170, -81.2100, 62.1020

Conversions

Conversions Part 2

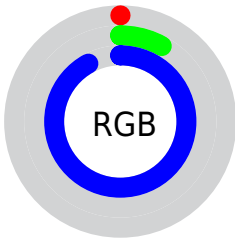
Format	Color
RYB	0, 19, 235
Decimal	5611
CIELab	30.72, 70.38, -99.20
CIELCh	31, 121.633, 305.356
Yxy	6.5345, 0.1513, 0.0648
Android (android.graphics.Color)	4278195691 (0xFF0015EB)
YUV	39.1170, 96.5703, -34.3056
Hunter-Lab	25.5626, 61.8485, -165.4641

Details

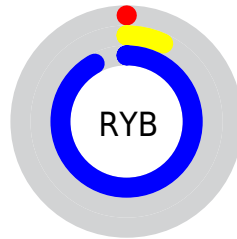
The YUV color **39.1170, 96.5703, -34.3056** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **195.8830, -96.5703, 34.3056**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.6540, 72.1486, 5.5654**, and **20.1780, 77.3132, -17.6961** is the 20% darker color. If you saturate the color by 10%, you get **39.1170, 96.5703, -34.3056**, and if you desaturate by 10%, it is **58.3210, 87.1027, -30.9765**.

Distribution



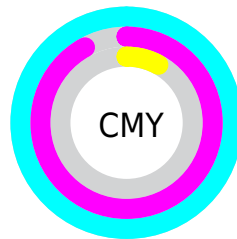
- Red (0%)
- Green (8%)
- Blue (92%)



- Red (0%)
- Yellow (7%)
- Blue (92%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (92%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.1170, 96.5703, -34.3056 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 39.1170, 96.5703, -34.3056 by changing the saturation by 10% instead.

■ 39.1170, 96.5703,
-34.3056

■ 39.1170, 96.5703,
-34.3056

■ 255.0000, 0.0000,
0.0000

■ 23.4840, 89.9804,
-20.5955

■ 108.6540, 72.1486,
5.5654

■ 20.1780, 77.3132,
-17.6961

■ 134.9680, 59.1758,
13.1831

■ 17.1000, 65.5197,
-14.9967

■ 160.0970, 46.7872,
20.0859

■ 15.0820, 52.7106,
-13.2269

■ 186.4000, 33.8198,
25.9592

■ 19.7490, 37.5917,
-17.3199

■ 212.4040, 20.9998,
31.2177


■ 12.9040, 29.1343,
-11.3168


■ 230.9330, 11.8650,

■ 7.8200, 19.8087,


21.1068


-6.8581


 247.9560, 3.4727,
6.1776


 3.5510, 11.0674,
-3.1142


 0.0000, 0.0000,
0.0000

 39.1170, 96.5703,
-34.3056

 58.3210, 87.1027,
-30.9765

 78.4110, 77.1984,
-27.5474

 97.9140, 67.5834,
-23.6036

 117.7050, 57.8264,
-20.7893

■ 137.2080, 48.2115,
-16.8454

■ 156.4120, 38.7439,
-13.5163

■ 176.2030, 28.9869,
-10.7020

■ 195.7060, 19.3719,
-6.7582

■ 215.4970, 9.6150,
-3.9439

Harmonies

Analogous

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



80.7260, 85.9171, -70.7967



39.1170, 96.5703, -34.3056



73.4690, 39.7018, 99.5667

Triad

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



39.1170, 96.5703, -34.3056



52.4700, -25.8677, 83.7798



68.1450, 9.7885, -59.7632

Complementary

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



39.1170, 96.5703, -34.3056



195.8830, -96.5703, 34.3056

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.



56.3520, -27.7815, -49.4207



39.1170, 96.5703, -34.3056



66.7380, -32.9018, 6.3688

Square

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



39.1170, 96.5703, -34.3056



59.5010, -29.3340, 122.3406



54.0040, -26.6240, -47.3615



80.8500, 50.8529, -70.9055

Rectangle

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



39.1170, 96.5703, -34.3056



74.7730, 8.4929, 122.9791



54.0040, -26.6240, -47.3615



63.7960, -4.3364, -55.9491

Sweetspot

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



39.1170, 96.5703, -34.3056



191.1860, 31.4603, -10.6871



161.9990, 24.1575, -142.0731



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.



39.1170, 96.5703, -34.3056



42.5710, 104.7275, -37.3348



54.8960, 88.7913, 34.2942



107.8410, 4.5154, -1.6146



30.0260, 74.4302, -26.3328



9.0910, 22.1401, -7.9728

Inverse Universe

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



72.6590, -25.4679, 142.3731



78.8670, -27.5424, 154.4686



180.1040, -88.7913, -34.2942



109.4030, -1.1847, 6.6626



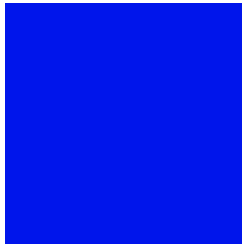
55.9430, -19.6919, 109.6750



16.7160, -5.7760, 32.6981

Previews

White Background



This preview shows how the YUV color 39.1170, 96.5703, -34.3056 looks on a white background.

Color Contrast Check

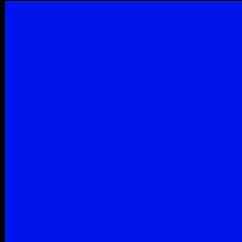
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1170, 96.5703, -34.3056 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 39.1170, 96.5703, -34.3056

Background



This preview shows how black text looks on a background with the YUV color 39.1170, 96.5703, -34.3056.



This preview shows how white text looks on a background with the YUV color 39.1170, 96.5703, -34.3056.

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

39.1170, 96.5703, -34.3056

Protanopia

57.8480, 43.9519, -50.7327

Deuteranopia

58.2750, 32.8954, -51.1072



Tritanopia

57.1230, 13.2504, -50.0969

Trichromacy



Original Color

39.1170, 96.5703, -34.3056

Protanomaly

50.9300, 63.1385, -44.6656

Deuteranomaly

51.0950, 56.1552, -44.8103

Tritanomaly

50.4790, 43.6409, -44.2701

Monochromacy



Original Color

39.1170, 96.5703, -34.3056

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.7990, 35.1021, -12.1017

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.1170, 96.5703, -34.3056 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(0, 21, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 21, 235) }
```

Border

The CSS property to change the border of an element to YUV 39.1170, 96.5703, -34.3056 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, 235) }
```


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

```
.border{ border-color:rgb(0, 21, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 21, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 21, 235);  
box-shadow:4px 4px 4px 4px rgb(0, 21, 235)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.1170, 96.5703, -34.3056 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, 235) }
```

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

```
.background{ background-color: rgb(0, 21,  
235) }
```

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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