

# Converting Colors

YUV(39.7380, 91.3342,  
-34.8502)

Have a look what the booklet for  
YUV(39.7380, 91.3342, -34.8502)  
contains.

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# Color

**YUV(39.7380, 91.3342,  
-34.8502)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0018E1
RGB	0, 24, 225
RGB Percent	0%, 9%, 88%
CMY	1.0000, 0.9059, 0.1176
CMYK	1.00, 0.89, 0.00, 0.12
HSL	234°, 100%, 44%
HSV	234°, 100%, 88%
XYZ	13.9172, 6.0895, 71.6760
YIQ	39.7380, -78.8250, 57.4230

# Conversions

## Conversions Part 2

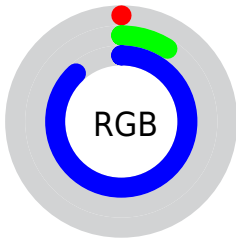
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 22, 225
Decimal	6369
CIELab	29.64, 66.83, -95.30
CIELCh	30, 116.391, 305.040
Yxy	6.0895, 0.1518, 0.0664
Android (android.graphics.Color)	4278196449 (0xFF0018E1)
YUV	39.7380, 91.3342, -34.8502
Hunter-Lab	24.6769, 57.4854, -154.9385

# Details

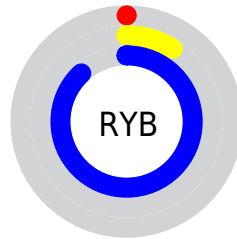
The YUV color **39.7380, 91.3342, -34.8502** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **185.2620, -91.3342, 34.8502**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.3440, 72.3014, 3.2063**, and **19.1520, 73.3821, -16.7963** is the 20% darker color. If you saturate the color by 10%, you get **39.7380, 91.3342, -34.8502**, and if you desaturate by 10%, it is **58.0560, 82.3034, -31.6211**.

# Distribution



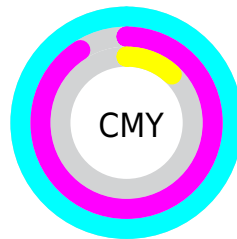
- Red (0%)
- Green (9%)
- Blue (88%)



- Red (0%)
- Yellow (9%)
- Blue (88%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (91%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 39.7380, 91.3342, -34.8502 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 39.7380, 91.3342, -34.8502 by changing the saturation by 10% instead.



■ 39.7380, 91.3342,  
-34.8502

■ 39.7380, 91.3342,  
-34.8502

■ 255.0000, 0.0000,  
0.0000

■ 22.3440, 85.6124,  
-19.5957

■ 108.3440, 72.3014,  
3.2063

■ 19.1520, 73.3821,  
-16.7963

■ 133.7720, 59.7654,  
10.7240

■ 15.9600, 61.1517,  
-13.9969

■ 159.4880, 47.0874,  
17.1120

■ 15.3440, 48.6374,  
-13.4567

■ 184.9050, 34.5568,  
22.8853

■ 17.0760, 34.9655,  
-14.9757

■ 210.9090, 21.7369,  
28.1438

■ 11.2910, 25.4925,  
-9.9022


■ 230.9330, 11.8650,


■ 6.4350, 17.0405,


21.1068


-5.6435


 247.9560, 3.4727,  
6.1776


 2.6390, 7.5730,  
-2.3144


 0.0000, 0.0000,  
0.0000

 39.7380, 91.3342,  
-34.8502

 58.0560, 82.3034,  
-31.6211

 76.6730, 73.1252,  
-27.7772

 95.2900, 63.9470,  
-23.9333

 113.6080, 54.9163,  
-20.7042

■ 132.2250, 45.7381,  
-16.8603

■ 151.1300, 36.4179,  
-14.1460

■ 169.4480, 27.3871,  
-10.9169

■ 188.0650, 18.2090,  
-7.0730

■ 206.6820, 9.0308,  
-3.2291

# Harmonies

## Analogous

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



78.9650, 86.7853, -69.2523



39.7380, 91.3342, -34.8502



70.2080, 38.8445, 94.5336

# Triad

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



39.7380, 91.3342, -34.8502



51.2630, -25.2727, 79.5763



65.3410, 9.1989, -57.3041

# Complementary

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



39.7380, 91.3342, -34.8502



185.2620, -91.3342, 34.8502

# 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.



54.5910, -26.9134, -47.8763



39.7380, 91.3342, -34.8502



64.6780, -31.8863, 7.2984

# Square

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



39.7380, 91.3342, -34.8502



57.1090, -28.1547, 117.4224



51.6560, -25.4664, -45.3023



78.0630, 47.7899, -68.4613



# Rectangle

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



39.7380, 91.3342, -34.8502



71.5550, 9.0934, 117.0313



51.6560, -25.4664, -45.3023



61.6930, -4.7786, -54.1048

# Sweetspot

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



39.7380, 91.3342, -34.8502



192.3600, 30.8815, -11.7167



154.7610, 21.8098, -135.7254



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.



39.7380, 91.3342, -34.8502



44.9190, 103.5699, -39.3940



51.3640, 85.6025, 30.3758



102.8410, 4.5154, -1.6146



31.2170, 71.3780, -27.3773



8.4070, 19.5193, -7.3729



# Inverse Universe

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



70.0110, -22.6834, 135.9254



79.3230, -25.7952, 154.0687



173.6360, -85.6025, -30.3758



104.4030, -1.1847, 6.6626



54.7900, -17.6445, 106.3012

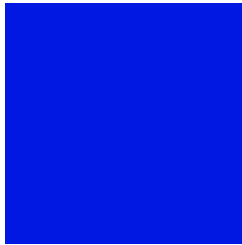


14.9220, -4.8915, 29.0094



# Previews

## White Background



This preview shows how the YUV color 39.7380, 91.3342, -34.8502 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

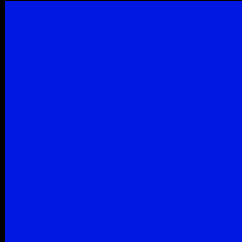
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 39.7380, 91.3342, -34.8502 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 39.7380, 91.3342, -34.8502

## Background



This preview shows how black text looks on a background with the YUV color 39.7380, 91.3342, -34.8502.



This preview shows how white text looks on a background with the YUV color 39.7380, 91.3342, -34.8502.



# 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

39.7380, 91.3342, -34.8502

### Protanopia

56.1040, 42.3467, -49.2032

### Deuteranopia

55.9440, 31.5796, -49.0629



## Tritanopia

55.1340, 13.2449, -48.3525

# Trichromacy



## Original Color

39.7380, 91.3342, -34.8502

## Protanomaly

50.1320, 60.0809, -43.9658

## Deuteranomaly

50.2970, 53.0976, -44.1105

## Tritanomaly

49.3220, 41.7463, -43.2554

# Monochromacy



## Original Color

39.7380, 91.3342, -34.8502

## Achromatopsia

40.0000, 0.0000, 0.0000

## Achromatomaly

39.6310, 33.2129, -12.8314

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 39.7380, 91.3342, -34.8502 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, 24, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 24, 225)  
}
```

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, 24, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 24, 225) }
```

## Border

The CSS property to change the border of an element to YUV 39.7380, 91.3342, -34.8502 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, 24, 225) }
```



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

```
.border{ border-color:rgb(0, 24, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 24, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 24, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 24, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 24, 225)  
}
```

# Background

The CSS property to change the background color of an element to YUV 39.7380, 91.3342, -34.8502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 24, 225) }
```

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

```
.background{ background-color: rgb(0, 24,  
225) }
```

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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