

Converting Colors

YUV(39.3640, 88.5605,
-31.8912)

Have a look what the booklet for
YUV(39.3640, 88.5605, -31.8912)
contains.

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Color

**YUV(39.3640, 88.5605,
-31.8912)**

Conversions

Conversions Part 1

Format	Color
Hex	0317DB
RGB	3, 23, 219
RGB Percent	1%, 9%, 86%
CMY	0.9882, 0.9098, 0.1412
CMYK	0.99, 0.89, 0.00, 0.14
HSL	234°, 97%, 44%
HSV	234°, 99%, 86%
XYZ	13.1301, 5.7466, 67.4350
YIQ	39.3640, -74.8360, 56.7160

Conversions

Conversions Part 2

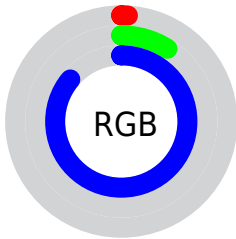
Format	Color
R_{YB}	3, 21, 219
Decimal	202715
CIE _{Lab}	28.76, 65.52, -93.30
CIE _{LCh}	29, 114.010, 305.080
Yxy	5.7466, 0.1521, 0.0666
Android (android.graphics.Color)	4278392795 (0xFF0317DB)
YUV	39.3640, 88.5605, -31.8912
Hunter-Lab	23.9721, 55.8177, -150.0058

Details

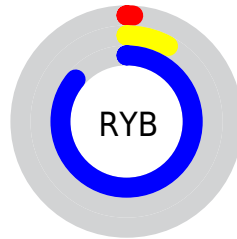
The YUV color **39.3640, 88.5605, -31.8912** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **182.6360, -88.5605, 31.8912**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.1590, 72.8856, 2.4916**, and **18.4680, 70.7613, -16.1964** is the 20% darker color. If you saturate the color by 10%, you get **36.7060, 89.8709, -32.1912**, and if you desaturate by 10%, it is **57.6820, 79.5298, -28.6621**.

Distribution



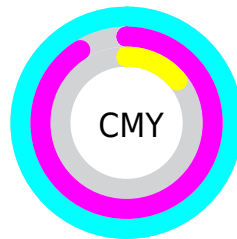
- Red (1%)
- Green (9%)
- Blue (86%)



- Red (1%)
- Yellow (8%)
- Blue (86%)



- Cyan (99%)
- Magenta (89%)
- Yellow (0%)
- Black (14%)



- Cyan (99%)
- Magenta (91%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.3640, 88.5605, -31.8912 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 39.3640, 88.5605, -31.8912 by changing the saturation by 10% instead.

■ 39.3640, 88.5605,
-31.8912

■ 39.3640, 88.5605,
-31.8912

■ 255.0000, 0.0000,
0.0000

■ 21.6600, 82.9916,
-18.9958

■ 107.1590, 72.8856,
2.4916

■ 18.4680, 70.7613,
-16.1964

■ 132.5870, 60.3496,
10.0092

■ 15.3900, 58.9677,
-13.4970

■ 157.7160, 47.9610,
16.9121

■ 15.8340, 45.4378,
-13.8864

■ 183.1330, 35.4304,
22.6854

■ 15.9190, 33.0709,
-13.9610

■ 209.1370, 22.6105,
27.9439


■ 10.2480, 24.0347,
-8.9875


■ 229.7590, 12.4438,

■ 5.2780, 15.1459,


22.1364


-4.6288


 246.7820, 4.0515,
7.2072


 1.3680, 5.2416,
-1.1997


 0.0000, 0.0000,
0.0000


 39.3640, 88.5605,
-31.8912


 39.3640, 88.5605,
-31.8912

 36.7060, 89.8709,
-32.1912

 57.6820, 79.5298,
-28.6621

 76.0000, 70.4990,
-25.4330

 94.3180, 61.4682,
-22.2039

 112.0490, 52.7268,
-18.4600

■ 130.0680, 43.8435,
-15.8456

■ 148.3860, 34.8127,
-12.6165

■ 166.7040, 25.7819,
-9.3874

■ 185.0220, 16.7512,
-6.1583

■ 203.3400, 7.7204,
-2.9292

Harmonies

Analogous

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



77.0900, 87.2166, -67.6079



39.3640, 88.5605, -31.8912



68.2570, 37.8343, 91.8596

Triad

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



39.3640, 88.5605, -31.8912



50.3660, -24.8304, 77.7320



63.9390, 8.9041, -56.0745

Complementary

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



39.3640, 88.5605, -31.8912



182.6360, -88.5605, 31.8912

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.



52.8300, -26.0452, -46.3319



39.3640, 88.5605, -31.8912



62.9060, -31.0127, 7.0984

Square

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



39.3640, 88.5605, -31.8912



55.6140, -27.4177, 114.3485



50.4820, -24.8876, -44.2727



75.8460, 46.9109, -66.5169

Rectangle

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



39.3640, 88.5605, -31.8912



69.7180, 8.5200, 114.2573



50.4820, -24.8876, -44.2727



59.7040, -4.7841, -52.3604

Sweetspot

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



39.3640, 88.5605, -31.8912



191.7730, 31.1709, -11.2019



151.9080, 22.2304, -130.5923



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.



39.3640, 88.5605, -31.8912



43.1580, 104.4381, -37.8496



53.3380, 81.6714, 31.2756



100.8410, 4.5154, -1.6146



29.1140, 70.9358, -25.5330



7.5920, 18.9351, -6.6582

Inverse Universe

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



69.8640, -23.1040, 130.7923



78.9810, -27.1056, 154.3687



168.6620, -81.6714, -31.2756



102.4030, -1.1847, 6.6626



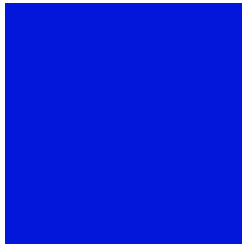
53.5510, -18.5126, 104.7568



14.2100, -5.0335, 27.8798

Previews

White Background



This preview shows how the YUV color 39.3640, 88.5605, -31.8912 looks on a white background.

Color Contrast Check

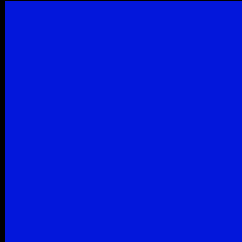
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.3640, 88.5605, -31.8912 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 39.3640, 88.5605, -31.8912

Background



This preview shows how black text looks on a background with the YUV color 39.3640, 88.5605, -31.8912.



This preview shows how white text looks on a background with the YUV color 39.3640, 88.5605,

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

39.3640, 88.5605, -31.8912

Protanopia

54.4740, 41.1783, -47.7737

Deuteranopia

54.4280, 30.8480, -47.7334



Tritanopia

53.6180, 12.5133, -47.0230

Trichromacy



Original Color

39.3640, 88.5605, -31.8912

Protanomaly

48.6870, 58.3283, -41.8215

Deuteranomaly

48.9660, 51.7818, -42.0662

Tritanomaly

48.5780, 40.1410, -41.7259

Monochromacy



Original Color

39.3640, 88.5605, -31.8912

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.0010, 32.0445, -11.4019

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.3640, 88.5605, -31.8912 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(3, 23, 219)` looks like.

```
.text, #text, p{  
    color:rgb(3, 23, 219)  
}
```

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(3, 23, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 23, 219) }
```

Border

The CSS property to change the border of an element to YUV 39.3640, 88.5605, -31.8912 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(3, 23, 219) }
```


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

```
.border{ border-color:rgb(3, 23, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 23, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 23, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 23, 219);  
box-shadow:4px 4px 4px 4px rgb(3, 23, 219)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.3640, 88.5605, -31.8912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 23, 219) }
```

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

```
.background{ background-color: rgb(3, 23,  
219) }
```

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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