

Converting Colors

YUV(40.0880, 83.7666,
-34.2802)

Have a look what the booklet for
YUV(40.0880, 83.7666, -34.2802)
contains.

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Color

**YUV(40.0880, 83.7666,
-34.2802)**

Conversions

Conversions Part 1

Format	Color
Hex	011BD2
RGB	1, 27, 210
RGB Percent	0%, 11%, 82%
CMY	0.9961, 0.8941, 0.1765
CMYK	1.00, 0.87, 0.00, 0.18
HSL	233°, 99%, 41%
HSV	233°, 100%, 82%
XYZ	12.0373, 5.4435, 61.3890
YIQ	40.0880, -74.2390, 51.4010

Conversions

Conversions Part 2

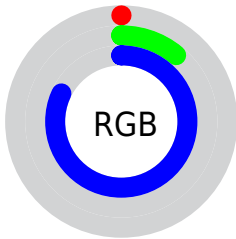
Format	Color
RYB	1, 24, 210
Decimal	72658
CIELab	27.96, 61.60, -89.43
CIELCh	28, 108.589, 304.560
Yxy	5.4435, 0.1526, 0.0690
Android (android.graphics.Color)	4278262738 (0xFF011BD2)
YUV	40.0880, 83.7666, -34.2802
Hunter-Lab	23.3312, 51.2641, -139.6717

Details

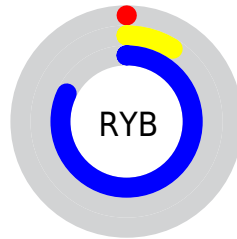
The YUV color **40.0880, 83.7666, -34.2802** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **170.9120, -83.7666, 34.2802**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.8490, 73.0384, 0.1324**, and **17.5560, 67.2669, -15.3966** is the 20% darker color. If you saturate the color by 10%, you get **39.2020, 84.2034, -34.3802**, and if you desaturate by 10%, it is **56.9330, 75.4620, -30.6362**.

Distribution



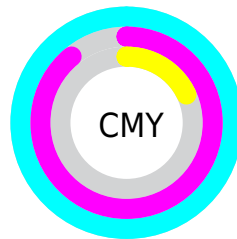
- Red (0%)
- Green (11%)
- Blue (82%)



- Red (0%)
- Yellow (9%)
- Blue (82%)



- Cyan (100%)
- Magenta (87%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (89%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.0880, 83.7666, -34.2802 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 40.0880, 83.7666, -34.2802 by changing the saturation by 10% instead.

■ 40.0880, 83.7666,
-34.2802

■ 40.0880, 83.7666,
-34.2802

■ 255.0000, 0.0000,
0.0000

■ 20.6340, 79.0604,
-18.0960

■ 106.8490, 73.0384,
0.1324

■ 17.5560, 67.2669,
-15.3966

■ 132.2770, 60.5024,
7.6501

■ 14.4780, 55.4733,
-12.6972

■ 157.1070, 48.2612,
13.9382

■ 16.6830, 41.0753,
-14.6310

■ 182.5240, 35.7307,
19.7115

■ 13.8330, 30.1553,
-12.1315

■ 208.2290, 23.0581,
24.3552


■ 8.2760, 21.5559,
-7.2581


■ 230.3460, 12.1544,


■ 4.5940, 12.5252,


21.6216


-4.0289


 247.3690, 3.7621,
6.6924


 0.0000, 0.0000,
0.0000


 40.0880, 83.7666,
-34.2802

 40.0880, 83.7666,
-34.2802


 39.2020, 84.2034,
-34.3802

 56.9330, 75.4620,
-30.6362

 74.3650, 66.8681,
-27.5071

 91.2100, 58.5635,
-23.8632

 108.6420, 49.9695,
-20.7340

 125.4870, 41.6649,
-17.0901

■ 142.3320, 33.3603,
-13.4462

■ 159.7640, 24.7663,
-10.3170

■ 176.6090, 16.4618,
-6.6731

■ 193.4540, 8.1572,
-3.0292

Harmonies

Analogous

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



74.5480, 82.5538, -65.3786



40.0880, 83.7666, -34.2802



65.2950, 36.8296, 87.4413

Triad

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



40.0880, 83.7666, -34.2802



49.7570, -24.5302, 74.7581



61.7220, 8.0251, -54.1302

Complementary

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



40.0880, 83.7666, -34.2802



170.9120, -83.7666, 34.2802

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.



51.6560, -25.4664, -45.3023



40.0880, 83.7666, -34.2802



60.8460, -29.9971, 8.0281

Square

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



40.0880, 83.7666, -34.2802



53.5210, -26.3859, 110.0451



48.7210, -24.0195, -42.7283



73.0590, 43.8479, -64.0727

Rectangle

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



40.0880, 83.7666, -34.2802



66.7990, 8.9731, 108.9243



48.7210, -24.0195, -42.7283



57.7150, -4.7895, -50.6161

Sweetspot

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



40.0880, 83.7666, -34.2802



192.9470, 30.5921, -12.2315



144.3170, 18.5777, -125.6890



90.1790, 18.6458, -7.1730



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.



40.0880, 83.7666, -34.2802



47.8540, 102.1230, -41.9680



47.8490, 79.9404, 26.4424



95.8410, 4.5154, -1.6146



31.4790, 67.3049, -27.6071



7.6090, 16.4618, -6.6731

Inverse Universe

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



66.4550, -19.4513, 125.8890



79.8930, -23.6112, 153.5688



163.1510, -79.9404, -26.4424



97.4030, -1.1847, 6.6626



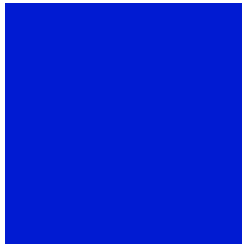
52.6260, -15.5916, 101.1830



12.8290, -3.8597, 24.7060

Previews

White Background



This preview shows how the YUV color 40.0880, 83.7666, -34.2802 looks on a white background.

Color Contrast Check

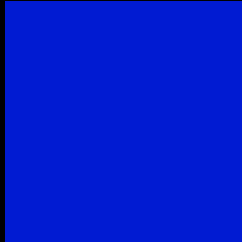
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.0880, 83.7666, -34.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

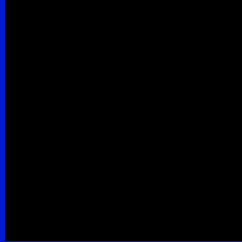
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.0880, 83.7666, -34.2802

Background



This preview shows how black text looks on a background with the YUV color 40.0880, 83.7666, -34.2802.



This preview shows how white text looks on a background with the YUV color 40.0880, 83.7666, -34.2802.

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

40.0880, 83.7666, -34.2802

Protanopia

52.9580, 40.4467, -46.4442

Deuteranopia

53.4990, 29.8270, -46.9186



Tritanopia

52.2160, 12.2185, -45.7934

Trichromacy



Original Color

40.0880, 83.7666, -34.2802

Protanomaly

48.4050, 56.0023, -42.4512

Deuteranomaly

48.6840, 49.4558, -42.6959

Tritanomaly

47.7090, 38.1045, -41.8408

Monochromacy



Original Color

40.0880, 83.7666, -34.2802

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.9470, 30.5921, -12.2315

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.0880, 83.7666, -34.2802 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(1, 27, 210)` looks like.

```
.text, #text, p{  
    color:rgb(1, 27, 210)  
}
```

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(1, 27, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 27, 210) }
```

Border

The CSS property to change the border of an element to YUV 40.0880, 83.7666, -34.2802 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(1, 27, 210) }
```


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

```
.border{ border-color:rgb(1, 27, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 27, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 27, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 27, 210);  
box-shadow:4px 4px 4px 4px rgb(1, 27, 210)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.0880, 83.7666, -34.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 27, 210) }
```

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

```
.background{ background-color: rgb(1, 27,  
210) }
```

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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