

Converting Colors

YUV(40.0540, 88.7134,
-34.2504)

Have a look what the booklet for
YUV(40.0540, 88.7134, -34.2504)
contains.

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Color

**YUV(40.0540, 88.7134,
-34.2504)**

Conversions

Conversions Part 1

Format	Color
Hex	0119DC
RGB	1, 25, 220
RGB Percent	0%, 10%, 86%
CMY	0.9961, 0.9020, 0.1373
CMYK	1.00, 0.89, 0.00, 0.14
HSL	233°, 99%, 43%
HSV	233°, 100%, 86%
XYZ	13.2784, 5.8690, 68.1431
YIQ	40.0540, -76.8990, 55.5570

Conversions

Conversions Part 2

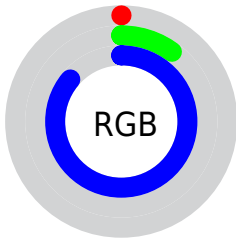
Format	Color
R_{YB}	1, 23, 220
Decimal	72156
CIE Lab	29.08, 65.13, -93.35
CIE LCh	29, 113.827, 304.904
Yxy	5.8690, 0.1521, 0.0672
Android (android.graphics.Color)	4278262236 (0xFF0119DC)
YUV	40.0540, 88.7134, -34.2504
Hunter-Lab	24.2261, 55.4411, -149.8128

Details

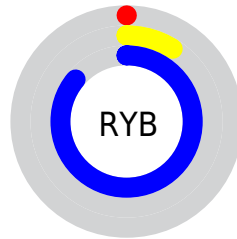
The YUV color **40.0540, 88.7134, -34.2504** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **180.9460, -88.7134, 34.2504**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.7460, 72.5962, 1.9768**, and **18.5820, 71.1981, -16.2964** is the 20% darker color. If you saturate the color by 10%, you get **39.1680, 89.1502, -34.3503**, and if you desaturate by 10%, it is **58.3720, 79.6826, -31.0212**.

Distribution



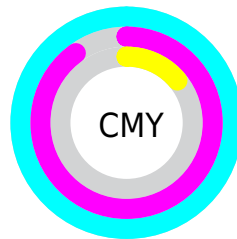
- Red (0%)
- Green (10%)
- Blue (86%)



- Red (0%)
- Yellow (9%)
- Blue (86%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (90%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.0540, 88.7134, -34.2504 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 40.0540, 88.7134, -34.2504 by changing the saturation by 10% instead.

■ 40.0540, 88.7134,
-34.2504

■ 40.0540, 88.7134,
-34.2504

■ 255.0000, 0.0000,
0.0000

■ 21.7740, 83.4284,
-19.0958

■ 107.7460, 72.5962,
1.9768

■ 18.5820, 71.1981,
-16.2964

■ 133.1740, 60.0602,
9.4944

■ 15.5040, 59.4045,
-13.5970

■ 158.3030, 47.6716,
16.3973

■ 15.9480, 45.8746,
-13.9864

■ 184.3070, 34.8516,
21.6558

■ 16.0330, 33.5077,
-14.0609

■ 209.7240, 22.3211,
27.4291


■ 10.3620, 24.4715,
-9.0875


■ 230.9330, 11.8650,


■ 5.3920, 15.5827,


21.1068


-4.7288


 247.9560, 3.4727,
6.1776


 2.0690, 5.3890,
-1.8145


 0.0000, 0.0000,
0.0000


 40.0540, 88.7134,
-34.2504


 40.0540, 88.7134,
-34.2504

 39.1680, 89.1502,
-34.3503

 58.3720, 79.6826,
-31.0212

 76.1030, 70.9412,
-27.2773

 94.4210, 61.9104,
-24.0482

 112.1520, 53.1691,
-20.3043

■ 130.4700, 44.1383,
-17.0752

■ 148.7880, 35.1075,
-13.8461

■ 166.5190, 26.3661,
-10.1022

■ 184.8370, 17.3354,
-6.8730

■ 202.5680, 8.5940,
-3.1291

Harmonies

Analogous

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



77.7910, 87.3640, -68.2227



40.0540, 88.7134, -34.2504



68.6700, 38.1237, 92.3744

Triad

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



40.0540, 88.7134, -34.2504



50.6650, -24.9778, 78.3468



64.5260, 8.6147, -56.5893

Complementary

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



40.0540, 88.7134, -34.2504



180.9460, -88.7134, 34.2504

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.



53.4170, -26.3346, -46.8467



40.0540, 88.7134, -34.2504



63.2050, -31.1601, 7.7132

Square

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



40.0540, 88.7134, -34.2504



55.9130, -27.5651, 114.9633



51.0690, -25.1770, -44.7875



76.4330, 46.6215, -67.0317

Rectangle

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



40.0540, 88.7134, -34.2504



70.1310, 8.8094, 114.7721



51.0690, -25.1770, -44.7875



60.4050, -4.6367, -52.9752

Sweetspot

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



40.0540, 88.7134, -34.2504



192.3600, 30.8815, -11.7167



151.5550, 20.9254, -132.0367



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.



40.0540, 88.7134, -34.2504



45.5060, 103.2805, -39.9088



51.0820, 83.2766, 29.7461



100.8410, 4.5154, -1.6146



30.8750, 70.0676, -27.0774



8.1790, 18.6458, -7.1730

Inverse Universe

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



69.2170, -21.7990, 132.2367



79.4370, -25.3584, 153.9688



169.9180, -83.2766, -29.7461



102.4030, -1.1847, 6.6626



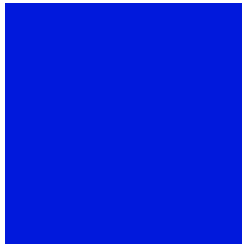
53.8930, -17.2022, 104.4568



14.3240, -4.5967, 27.7799

Previews

White Background



This preview shows how the YUV color 40.0540, 88.7134, -34.2504 looks on a white background.

Color Contrast Check

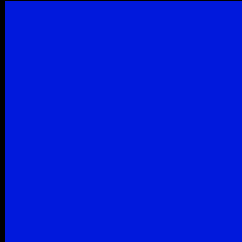
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.0540, 88.7134, -34.2504 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 40.0540, 88.7134, -34.2504

Background



This preview shows how black text looks on a background with the YUV color 40.0540, 88.7134, -34.2504.



This preview shows how white text looks on a background with the YUV color 40.0540, 88.7134,

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

40.0540, 88.7134, -34.2504

Protanopia

55.2890, 41.7625, -48.4885

Deuteranopia

55.1290, 30.9954, -48.3481



Tritanopia

54.3190, 12.6607, -47.6378

Trichromacy



Original Color

40.0540, 88.7134, -34.2504

Protanomaly

49.7900, 58.7705, -43.6658

Deuteranomaly

49.3680, 52.0766, -43.2957

Tritanomaly

48.9800, 40.4359, -42.9555

Monochromacy



Original Color

40.0540, 88.7134, -34.2504

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.2890, 31.9025, -12.5315

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.0540, 88.7134, -34.2504 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, 25, 220)` looks like.

```
.text, #text, p{  
    color:rgb(1, 25, 220)  
}
```

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, 25, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 25, 220) }
```

Border

The CSS property to change the border of an element to YUV 40.0540, 88.7134, -34.2504 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, 25, 220) }
```


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

```
.border{ border-color:rgb(1, 25, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 25, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 25, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 25, 220);  
box-shadow:4px 4px 4px 4px rgb(1, 25, 220)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.0540, 88.7134, -34.2504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 25, 220) }
```

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

```
.background{ background-color: rgb(1, 25,  
220) }
```

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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