

Converting Colors

YUV(41.9720, 89.7398,
-36.8094)

Have a look what the booklet for
YUV(41.9720, 89.7398, -36.8094)
contains.

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Color

**YUV(41.9720, 89.7398,
-36.8094)**

Conversions

Conversions Part 1

Format	Color
Hex	001CE0
RGB	0, 28, 224
RGB Percent	0%, 11%, 88%
CMY	1.0000, 0.8902, 0.1216
CMYK	1.00, 0.87, 0.00, 0.12
HSL	232°, 100%, 44%
HSV	232°, 100%, 88%
XYZ	13.8698, 6.2123, 70.9891
YIQ	41.9720, -79.6040, 55.0200

Conversions

Conversions Part 2

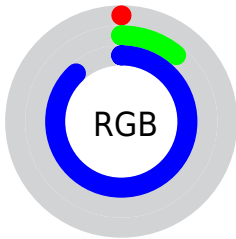
Format	Color
RYB	0, 25, 224
Decimal	7392
CIELab	29.94, 65.21, -94.21
CIELCh	30, 114.580, 304.690
Yxy	6.2123, 0.1523, 0.0682
Android (android.graphics.Color)	4278197472 (0xFF001CE0)
YUV	41.9720, 89.7398, -36.8094
Hunter-Lab	24.9245, 55.7123, -151.4203

Details

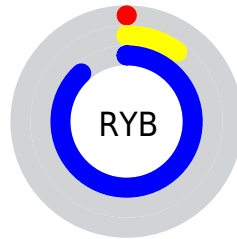
The YUV color **41.9720, 89.7398, -36.8094** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **182.0280, -89.7398, 36.8094**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.2190, 71.8700, 1.5619**, and **19.0380, 72.9453, -16.6963** is the 20% darker color. If you saturate the color by 10%, you get **41.9720, 89.7398, -36.8094**, and if you desaturate by 10%, it is **60.2900, 80.7090, -33.5803**.

Distribution



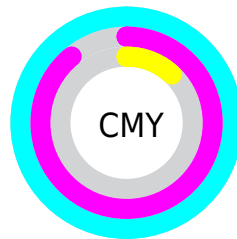
- Red (0%)
- Green (11%)
- Blue (88%)



- Red (0%)
- Yellow (10%)
- Blue (88%)



- Cyan (100%)
- Magenta (87%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 41.9720, 89.7398, -36.8094 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 41.9720, 89.7398, -36.8094 by changing the saturation by 10% instead.

■ 41.9720, 89.7398,
-36.8094

■ 41.9720, 89.7398,
-36.8094

■ 255.0000, 0.0000,
0.0000

■ 22.2300, 85.1756,
-19.4957

■ 109.2190, 71.8700,
1.5619

■ 19.0380, 72.9453,
-16.6963

■ 134.6470, 59.3340,
9.0796

■ 15.9600, 61.1517,
-13.9969

■ 160.3630, 46.6560,
15.4676

■ 15.2300, 48.2006,
-13.3567

■ 185.7800, 34.1255,
21.2409

■ 16.9620, 34.5287,
-14.8757

■ 211.7840, 21.3055,
26.4994


■ 10.7040, 25.7819,
-9.3874


■ 232.1070, 11.2862,


■ 6.3210, 16.6037,


20.0772

-5.5435


 249.1300, 2.8939,
5.1480


 2.6390, 7.5730,
-2.3144


 0.0000, 0.0000,
0.0000

 41.9720, 89.7398,
-36.8094

 60.2900, 80.7090,
-33.5803

 78.3200, 71.8202,
-29.2216

 96.6380, 62.7895,
-25.9925

 114.6680, 53.9007,
-21.6338

■ 132.9860, 44.8699,
-18.4047

■ 151.3040, 35.8391,
-15.1756

■ 169.3340, 26.9503,
-10.8169

■ 187.6520, 17.9196,
-7.5878

■ 205.6820, 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



41.9720, 89.7398, -36.8094



69.9090, 38.9919, 93.9188

Triad

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



41.9720, 89.7398, -36.8094



52.7360, -25.9988, 79.1615



65.8140, 8.4727, -57.7189

Complementary

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



41.9720, 89.7398, -36.8094



182.0280, -89.7398, 36.8094

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



41.9720, 89.7398, -36.8094



65.2760, -32.1811, 8.5279

Square

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



41.9720, 89.7398, -36.8094



57.1090, -28.1547, 117.4224



52.2430, -25.7558, -45.8171



77.9490, 47.3531, -68.3613

Rectangle

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



41.9720, 89.7398, -36.8094



71.3700, 9.6776, 116.3165



52.2430, -25.7558, -45.8171



61.6930, -4.7786, -54.1048

Sweetspot

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



41.9720, 89.7398, -36.8094



192.9470, 30.5921, -12.2315



153.6040, 19.9152, -134.7107



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.



41.9720, 89.7398, -36.8094



47.8540, 102.1230, -41.9680



50.0540, 85.7554, 28.0166



102.8410, 4.5154, -1.6146



32.9780, 70.5098, -28.9217



8.9940, 19.2300, -7.8877

Inverse Universe

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



70.1680, -20.7888, 134.9107



79.8930, -23.6112, 153.5688



173.9460, -85.7554, -28.0166



104.4030, -1.1847, 6.6626



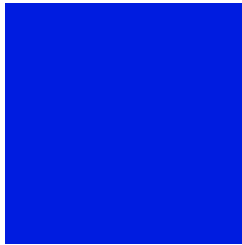
55.1320, -16.3341, 106.0012



15.0360, -4.4547, 28.9094

Previews

White Background



This preview shows how the YUV color 41.9720, 89.7398, -36.8094 looks on a white background.

Color Contrast Check

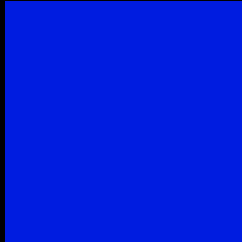
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9720, 89.7398, -36.8094 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 41.9720, 89.7398, -36.8094

Background



This preview shows how black text looks on a background with the YUV color 41.9720, 89.7398, -36.8094.



This preview shows how white text looks on a background with the YUV color 41.9720, 89.7398, -36.8094.

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

41.9720, 89.7398, -36.8094

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.6450, 31.7270, -49.6777



Tritanopia

55.7210, 12.9555, -48.8673

Trichromacy



Original Color

41.9720, 89.7398, -36.8094

Protanomaly

50.7190, 59.7915, -44.4806

Deuteranomaly

51.4710, 52.5188, -45.1401

Tritanomaly

50.4960, 41.1675, -44.2850

Monochromacy



Original Color

41.9720, 89.7398, -36.8094

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.1040, 32.4867, -13.2462

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.9720, 89.7398, -36.8094 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, 28, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 28, 224)  
}
```

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, 28, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 28, 224) }
```

Border

The CSS property to change the border of an element to YUV 41.9720, 89.7398, -36.8094 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, 28, 224) }
```


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

```
.border{ border-color:rgb(0, 28, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 28, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 28, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 28, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 28, 224)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.9720, 89.7398, -36.8094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 28, 224) }
```

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

```
.background{ background-color: rgb(0, 28,  
224) }
```

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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