

Converting Colors

YUV(40.0750, 73.4200,
-29.0068)

Have a look what the booklet for
YUV(40.0750, 73.4200, -29.0068)
contains.

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Color

**YUV(40.0750, 73.4200,
-29.0068)**

Conversions

Conversions Part 1

Format	Color
Hex	071CBD
RGB	7, 28, 189
RGB Percent	3%, 11%, 74%
CMY	0.9725, 0.8902, 0.2588
CMYK	0.96, 0.85, 0.00, 0.26
HSL	233°, 93%, 38%
HSV	233°, 96%, 74%
XYZ	9.6882, 4.5498, 48.5117
YIQ	40.0750, -64.1970, 45.6190

Conversions

Conversions Part 2

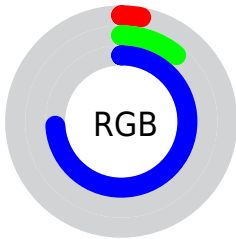
Format	Color
R_{YB}	7, 26, 189
Decimal	466109
CIE _{Lab}	25.41, 55.06, -81.35
CIE _{LCh}	25, 98.238, 304.092
Yxy	4.5498, 0.1544, 0.0725
Android (android.graphics.Color)	4278656189 (0xFF071CBD)
YUV	40.0750, 73.4200, -29.0068
Hunter-Lab	21.3303, 43.7466, -119.9128

Details

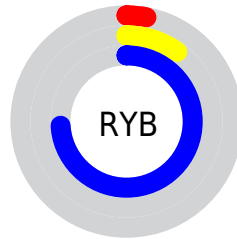
The YUV color **40.0750, 73.4200, -29.0068** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **155.9250, -73.4200, 29.0068**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8550, 70.5705, -1.6268**, and **15.2760, 58.5309, -13.3971** is the 20% darker color. If you saturate the color by 10%, you get **34.4600, 76.1882, -30.2214**, and if you desaturate by 10%, it is **55.7350, 65.6996, -26.0776**.

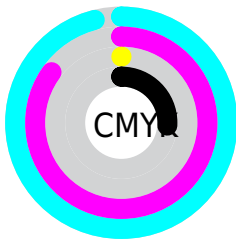
Distribution



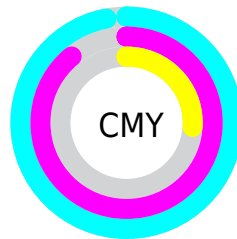
- Red (3%)
- Green (11%)
- Blue (74%)



- Red (3%)
- Yellow (10%)
- Blue (74%)



- Cyan (96%)
- Magenta (85%)
- Yellow (0%)
- Black (26%)



- Cyan (97%)
- Magenta (89%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.0750, 73.4200, -29.0068 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 40.0750, 73.4200, -29.0068 by changing the saturation by 10% instead.

■ 40.0750, 73.4200,
-29.0068

■ 40.0750, 73.4200,
-29.0068

■ 255.0000, 0.0000,
0.0000

■ 18.9410, 70.0351,
-16.6113

■ 103.8550, 70.5705,
-1.6268

■ 15.2760, 58.5309,
-13.3971

■ 129.0100, 62.1131,
4.3762

■ 12.3120, 47.1742,
-10.7976

■ 153.5410, 50.0193,
10.0495

■ 15.8050, 32.6341,
-13.8610

■ 178.6590, 37.6361,
15.2081

■ 9.5470, 23.8873,
-8.3727

■ 203.7770, 25.2529,
20.3666


■ 5.2780, 15.1459,
-4.6288

■ 228.5850, 13.0226,


■ 1.2540, 4.8048,


23.1660


-1.0998


 245.6080, 4.6303,
8.2368


 0.0000, 0.0000,
0.0000


 40.0750, 73.4200,
-29.0068

 40.0750, 73.4200,
-29.0068


 34.4600, 76.1882,
-30.2214

 55.7350, 65.6996,
-26.0776

 70.8080, 58.2687,
-22.6336

 86.4680, 50.5483,
-19.7044

 102.1280, 42.8279,
-16.7753

 117.7880, 35.1075,
-13.8461

■ 132.5620, 27.8239,
-11.0169

■ 148.2220, 20.1036,
-8.0877

■ 163.8820, 12.3832,
-5.1585

■ 178.9550, 4.9522,
-1.7145

Harmonies

Analogous

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



67.5890, 73.6596, -59.2756



40.0750, 73.4200, -29.0068



58.7300, 33.6571, 78.2898

Triad

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



40.0750, 73.4200, -29.0068



46.1690, -22.7613, 67.3808



56.0000, 6.4090, -49.1120

Complementary

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



40.0750, 73.4200, -29.0068



155.9250, -73.4200, 29.0068

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.



46.9600, -23.1513, -41.1839



40.0750, 73.4200, -29.0068



56.1280, -27.6711, 8.6577

Square

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



40.0750, 73.4200, -29.0068



48.4380, -23.8799, 99.5939



44.6120, -21.9937, -39.1247



66.4250, 38.7375, -58.2547

Rectangle

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



40.0750, 73.4200, -29.0068



60.4340, 9.1530, 97.8434



44.6120, -21.9937, -39.1247



53.0360, -4.9477, -46.5126

Sweetspot

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



40.0750, 73.4200, -29.0068



186.7900, 28.6975, -11.2168



132.1880, 17.6553, -109.7899



87.7230, 16.8986, -6.7731



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.0750, 73.4200, -29.0068



44.3660, 98.9126, -38.9090



48.6780, 69.1787, 24.8384



86.6130, 3.6418, -1.4146



28.5780, 63.8050, -25.0629



5.8820, 12.3832, -5.1585

Inverse Universe

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



63.8120, -17.6553, 109.7899



76.4470, -23.8844, 147.8210



147.3220, -69.1787, -24.8384



87.8050, -0.8899, 5.4330



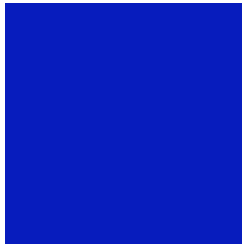
49.2940, -15.4279, 95.3352



9.7250, -2.8224, 18.6582

Previews

White Background



This preview shows how the YUV color 40.0750, 73.4200, -29.0068 looks on a white background.

Color Contrast Check

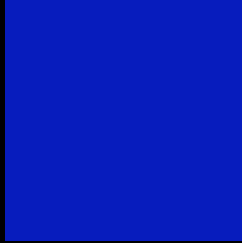
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.0750, 73.4200, -29.0068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

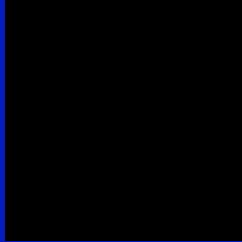
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.0750, 73.4200, -29.0068

Background



This preview shows how black text looks on a background with the YUV color 40.0750, 73.4200, -29.0068.



This preview shows how white text looks on a background with the YUV color 40.0750, 73.4200,

-29.0068.

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

40.0750, 73.4200, -29.0068

Protanopia

48.6550, 36.6521, -42.6704

Deuteranopia

48.9510, 27.6322, -42.9300



Tritanopia

48.0100, 11.3341, -42.1048

Trichromacy



Original Color

40.0750, 73.4200, -29.0068

Protanomaly

45.8310, 49.8763, -37.5628

Deuteranomaly

45.7510, 44.4928, -37.4926

Tritanomaly

45.0040, 34.0150, -36.8375

Monochromacy



Original Color

40.0750, 73.4200, -29.0068

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.2200, 26.5135, -10.7169

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.0750, 73.4200, -29.0068 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(7, 28, 189)` looks like.

```
.text, #text, p{  
    color:rgb(7, 28, 189)  
}
```

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(7, 28, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 28, 189) }
```

Border

The CSS property to change the border of an element to YUV 40.0750, 73.4200, -29.0068 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(7, 28, 189) }
```


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

```
.border{ border-color:rgb(7, 28, 189) }
```

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

Here you see how a box with a 4 pixel rgb(7, 28, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 28, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 28, 189);  
box-shadow:4px 4px 4px 4px rgb(7, 28, 189)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.0750, 73.4200, -29.0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 28, 189) }
```

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

```
.background{ background-color: rgb(7, 28,  
189) }
```

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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