

Converting Colors

YUV(33.2070, 76.8059, 5.0805)

Have a look what the booklet for
YUV(33.2070, 76.8059, 5.0805)
contains.

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Color

**YUV(33.2070, 76.8059,
5.0805)**

Conversions

Conversions Part 1

Format	Color
Hex	2700BD
RGB	39, 0, 189
RGB Percent	15%, 0%, 74%
CMY	0.8471, 1.0000, 0.2588
CMYK	0.79, 1.00, 0.00, 0.26
HSL	252°, 100%, 37%
HSV	252°, 100%, 74%
XYZ	10.0220, 4.1055, 48.4083
YIQ	33.2070, -37.4250, 67.0470

Conversions

Conversions Part 2

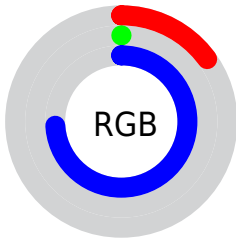
Format	Color
RYB	39, 0, 189
Decimal	2556093
CIELab	24.02, 63.73, -83.65
CIELCh	24, 105.160, 307.302
Yxy	4.1055, 0.1603, 0.0656
Android (android.graphics.Color)	4280746173 (0xFF2700BD)
YUV	33.2070, 76.8059, 5.0805
Hunter-Lab	20.2619, 52.8318, -127.4680

Details

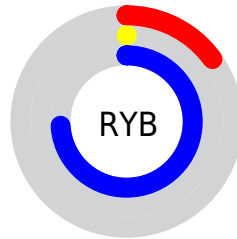
The YUV color **33.2070, 76.8059, 5.0805** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **155.7930, -76.8059, -5.0805**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.2250, 72.8531, 12.9577**, and **15.2760, 58.5309, -13.3971** is the 20% darker color. If you saturate the color by 10%, you get **33.2070, 76.8059, 5.0805**, and if you desaturate by 10%, it is **48.8450, 69.0964, 4.5209**.

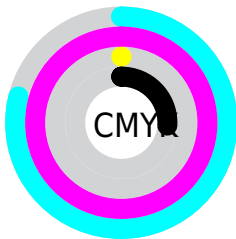
Distribution



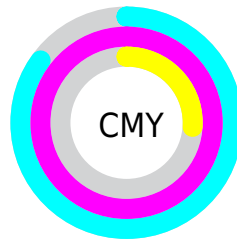
- Red (15%)
- Green (0%)
- Blue (74%)



- Red (15%)
- Yellow (0%)
- Blue (74%)



- Cyan (79%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (85%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.2070, 76.8059, 5.0805 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 33.2070, 76.8059, 5.0805 by changing the saturation by 10% instead.

■ 33.2070, 76.8059,
5.0805

■ 33.2070, 76.8059,
5.0805

■ 255.0000, 0.0000,
0.0000

■ 18.3540, 70.3245,
-16.0965

■ 99.2250, 72.8531,
12.9577

■ 15.2760, 58.5309,
-13.3971

■ 124.9670, 64.1063,
18.4459

■ 12.1980, 46.7374,
-10.6976

■ 150.0850, 51.7231,
23.6045

■ 15.8050, 32.6341,
-13.8610

■ 175.2030, 39.3399,
28.7630

■ 9.5470, 23.8873,
-8.3727

■ 200.3210, 26.9567,
33.9215

■ 5.1640, 14.7091,
-4.5288


■ 222.1280, 16.2059,


■ 1.2540, 4.8048,


28.8287


-1.0998


 238.5640, 8.1029,
14.4144


 0.0000, 0.0000,
0.0000


 33.2070, 76.8059,
5.0805

 48.8450, 69.0964,
4.5209

 64.4830, 61.3869,
3.9614

 80.1210, 53.6773,
3.4019

 95.7590, 45.9678,
2.8424

 111.3970, 38.2583,
2.2828

■ 126.4480, 30.8381,
2.2381

■ 142.0860, 23.1286,
1.6786

■ 157.7240, 15.4191,
1.1191

■ 173.3620, 7.7095,
0.5595

Harmonies

Analogous

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



66.0390, 77.8748, -57.9162



33.2070, 76.8059, 5.0805



60.0250, 29.5677, 83.2931

Triad

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



33.2070, 76.8059, 5.0805



44.6630, -22.0189, 62.5625



55.6240, 10.0454, -48.7822

Complementary

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



33.2070, 76.8059, 5.0805



155.7930, -76.8059, -5.0805

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.



45.7860, -22.5725, -40.1543



33.2070, 76.8059, 5.0805



51.6540, -25.4654, 1.1804

Square

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



33.2070, 76.8059, 5.0805



47.8400, -23.5851, 98.3643



42.8510, -21.1255, -37.5803



66.3910, 43.6842, -58.2249

Rectangle

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



33.2070, 76.8059, 5.0805



60.4900, 4.1954, 101.3023



42.8510, -21.1255, -37.5803



51.8450, -1.8956, -45.4681

Sweetspot

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



33.2070, 76.8059, 5.0805



184.2200, 29.9645, 2.4381



110.1830, 38.8568, -96.6305



85.7070, 17.8924, 1.1340



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.



33.2070, 76.8059, 5.0805



43.1790, 99.4978, 6.8590



61.0140, 63.0971, 62.2547



86.6240, 3.6364, 0.3298



27.8790, 64.1497, 4.4911



5.3280, 12.6563, 0.5893

Inverse Universe

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



73.6110, 37.6598, 101.1962



95.3710, 48.6241, 131.2246



127.9860, -63.0971, -62.2547



88.4890, 1.7309, 4.8331



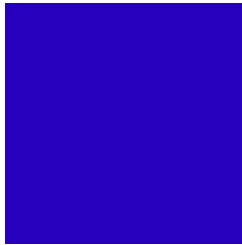
61.4920, 31.3094, 84.6375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 33.2070, 76.8059, 5.0805 looks on a white background.

Color Contrast Check

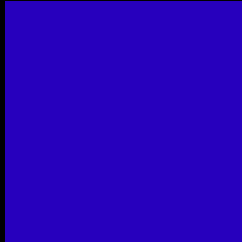
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.2070, 76.8059, 5.0805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

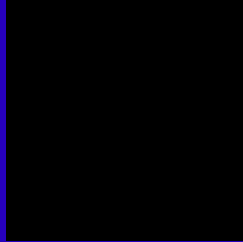
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.2070, 76.8059, 5.0805

Background



This preview shows how black text looks on a background with the YUV color 33.2070, 76.8059, 5.0805.



This preview shows how white text looks on a background with the YUV color 33.2070, 76.8059,

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



Protanopia

47.8400, 36.0679, -41.9557

Deuteranopia

47.4350, 26.9005, -41.6005

Tritanopia

46.6080, 11.0393, -40.8752

Trichromacy



Protanomaly

42.5490, 51.0013, -25.0375

Deuteranomaly

42.3550, 45.1810, -24.8673

Tritanomaly

41.7220, 35.1401, -24.3122

Monochromacy



Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.0520, 28.0754, 1.7084

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.2070, 76.8059, 5.0805 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(39, 0, 189)` looks like.

```
.text, #text, p{  
    color:rgb(39, 0, 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(39, 0, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 0, 189) }
```

Border

The CSS property to change the border of an element to YUV 33.2070, 76.8059, 5.0805 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(39, 0, 189) }
```

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

```
.border{ border-color:rgb(39, 0, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 0, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 0, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 0, 189);  
box-shadow:4px 4px 4px 4px rgb(39, 0, 189)  
}
```


Background

The CSS property to change the background color of an element to YUV 33.2070, 76.8059, 5.0805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 0, 189) }
```

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

```
.background{ background-color: rgb(39, 0,  
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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