

Converting Colors

YUV(30.6130, 74.1408,
-26.8476)

Have a look what the booklet for
YUV(30.6130, 74.1408, -26.8476)
contains.

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Color

**YUV(30.6130, 74.1408,
-26.8476)**

Conversions

Conversions Part 1

Format	Color
Hex	0011B5
RGB	0, 17, 181
RGB Percent	0%, 7%, 71%
CMY	1.0000, 0.9333, 0.2902
CMYK	1.00, 0.91, 0.00, 0.29
HSL	234°, 100%, 35%
HSV	234°, 100%, 71%
XYZ	8.5409, 3.7371, 43.9872
YIQ	30.6130, -62.7760, 47.4000

Conversions

Conversions Part 2

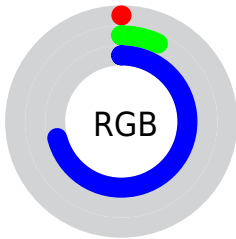
Format	Color
RYB	0, 16, 181
Decimal	4533
CIELab	22.78, 56.79, -80.98
CIELCh	23, 98.910, 305.040
Yxy	3.7371, 0.1518, 0.0664
Android (android.graphics.Color)	4278194613 (0xFF0011B5)
YUV	30.6130, 74.1408, -26.8476
Hunter-Lab	19.3316, 45.0334, -121.3770

Details

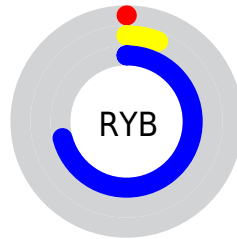
The YUV color **30.6130, 74.1408, -26.8476** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **150.3870, -74.1408, 26.8476**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.6490, 69.6860, 2.0618**, and **14.3640, 55.0365, -12.5972** is the 20% darker color. If you saturate the color by 10%, you get **30.6130, 74.1408, -26.8476**, and if you desaturate by 10%, it is **45.3870, 66.8572, -24.0184**.

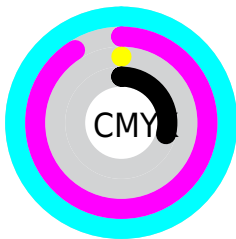
Distribution



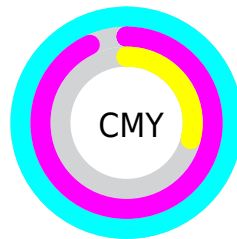
- Red (0%)
- Green (7%)
- Blue (71%)



- Red (0%)
- Yellow (6%)
- Blue (71%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (93%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.6130, 74.1408, -26.8476 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 30.6130, 74.1408, -26.8476 by changing the saturation by 10% instead.

■ 30.6130, 74.1408,
-26.8476

■ 30.6130, 74.1408,
-26.8476

■ 255.0000, 0.0000,
0.0000

■ 17.4420, 66.8301,
-15.2966

■ 96.6490, 69.6860,
2.0618

■ 14.3640, 55.0365,
-12.5972

■ 123.4170, 64.8704,
6.6503

■ 11.4000, 43.6798,
-9.9978

■ 147.9480, 52.7766,
12.3236

■ 13.8330, 30.1553,
-12.1315

■ 172.4790, 40.6829,
17.9969

■ 8.1620, 21.1191,
-7.1581

■ 197.5970, 28.2997,
23.1554

■ 4.4800, 12.0884,
-3.9290

■ 223.3020, 15.6271,

■ 0.0000, 0.0000,

27.7991

0.0000

■ 240.3250, 7.2348,
12.8700

■ 30.6130, 74.1408,
-26.8476

■ 45.3870, 66.8572,
-24.0184

■ 60.7480, 59.2842,
-21.7040

■ 75.5220, 52.0007,
-18.8748

■ 90.8830, 44.4277,
-16.5604

■ 105.9560, 36.9967,
-13.1164

■ 120.7300, 29.7131,
-10.2872

■ 136.0910, 22.1401,
-7.9728

■ 150.8650, 14.8566,
-5.1436

■ 166.2260, 7.2836,
-2.8292

Harmonies

Analogous

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



63.2690, 72.3384, -55.4869



30.6130, 74.1408, -26.8476



56.3230, 30.8998, 76.0157

Triad

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



30.6130, 74.1408, -26.8476



39.9560, -19.6983, 64.9366



52.1360, 6.8350, -45.7233

Complementary

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



30.6130, 74.1408, -26.8476



150.3870, -74.1408, 26.8476

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.



43.4380, -21.4149, -38.0951



30.6130, 74.1408, -26.8476



50.5020, -24.8975, 5.6987

Square

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



30.6130, 74.1408, -26.8476



45.7470, -22.5533, 94.0609



40.5030, -19.9680, -35.5211



61.8600, 39.0160, -54.2512

Rectangle

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



30.6130, 74.1408, -26.8476



57.3150, 6.2537, 94.4397



40.5030, -19.9680, -35.5211



48.5850, -4.2324, -42.6090

Sweetspot

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



30.6130, 74.1408, -26.8476



176.2030, 28.9869, -10.7020



124.8290, 18.8183, -109.4750



82.1360, 17.1880, -6.2583



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



30.6130, 74.1408, -26.8476



39.7040, 96.2809, -34.8204



42.1620, 68.4471, 26.1679



81.6130, 3.6418, -1.4146



25.6600, 62.7786, -22.5038



4.1380, 10.7780, -3.6290

Inverse Universe

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



56.0570, -19.2551, 109.5750



72.7730, -25.0311, 142.2731



138.8380, -68.4471, -26.1679



82.8050, -0.8899, 5.4330



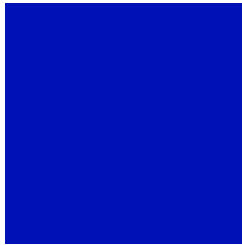
47.3430, -16.4381, 92.6612



8.0020, -2.9590, 15.7842

Previews

White Background



This preview shows how the YUV color 30.6130, 74.1408, -26.8476 looks on a white background.

Color Contrast Check

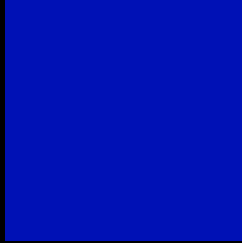
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6130, 74.1408, -26.8476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

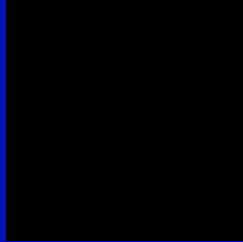
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.6130, 74.1408, -26.8476

Background



This preview shows how black text looks on a background with the YUV color 30.6130, 74.1408, -26.8476.



This preview shows how white text looks on a background with the YUV color 30.6130, 74.1408,

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

30.6130, 74.1408, -26.8476

Protanopia

44.6940, 34.1679, -39.1966

Deuteranopia

44.9900, 25.1479, -39.4562



Tritanopia

43.8040, 10.4496, -38.4161

Trichromacy



Original Color

30.6130, 74.1408, -26.8476

Protanomaly

39.7990, 48.4131, -34.9037

Deuteranomaly

39.7190, 43.0295, -34.8336

Tritanomaly

39.2000, 33.4254, -34.3784

Monochromacy



Original Color

30.6130, 74.1408, -26.8476

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.0460, 27.0923, -9.6873

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.6130, 74.1408, -26.8476 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, 17, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 17, 181)  
}
```

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, 17, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 17, 181) }
```

Border

The CSS property to change the border of an element to YUV 30.6130, 74.1408, -26.8476 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, 17, 181) }
```


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

```
.border{ border-color:rgb(0, 17, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 17, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 17, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 17, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 17, 181)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.6130, 74.1408, -26.8476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 17, 181) }
```

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

```
.background{ background-color: rgb(0, 17,  
181) }
```

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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