

Converting Colors

YUV(76.1320, 73.3919,
-66.7678)

Have a look what the booklet for
YUV(76.1320, 73.3919, -66.7678)
contains.

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Color

**YUV(76.1320, 73.3919,
-66.7678)**

Conversions

Conversions Part 1

Format	Color
Hex	0056E1
RGB	0, 86, 225
RGB Percent	0%, 34%, 88%
CMY	1.0000, 0.6627, 0.1176
CMYK	1.00, 0.62, 0.00, 0.12
HSL	217°, 100%, 44%
HSV	217°, 100%, 88%
XYZ	16.9184, 12.0918, 72.6764
YIQ	76.1320, -95.8750, 24.9970

Conversions

Conversions Part 2

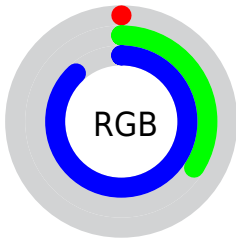
Format	Color
R _Y B	0, 62, 225
Decimal	22241
CIE Lab	41.36, 34.01, -75.89
CIE LCh	41, 83.161, 294.142
Yxy	12.0918, 0.1664, 0.1189
Android (android.graphics.Color)	4278212321 (0xFF0056E1)
YUV	76.1320, 73.3919, -66.7678
Hunter-Lab	34.7733, 25.9931, -99.5752

Details

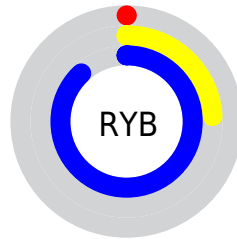
The YUV color **76.1320, 73.3919, -66.7678** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **148.8680, -73.3919, 66.7678**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0090, 56.6906, -29.8259**, and **43.8060, 61.2276, -38.4179** is the 20% darker color. If you saturate the color by 10%, you get **76.1320, 73.3919, -66.7678**, and if you desaturate by 10%, it is **90.9280, 66.0975, -60.4499**.

Distribution



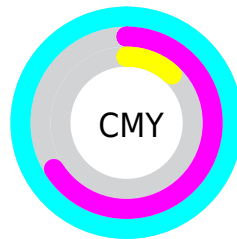
- Red (0%)
- Green (34%)
- Blue (88%)



- Red (0%)
- Yellow (24%)
- Blue (88%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (66%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.1320, 73.3919, -66.7678 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 76.1320, 73.3919, -66.7678 by changing the saturation by 10% instead.

■ 76.1320, 73.3919,
-66.7678

■ 76.1320, 73.3919,
-66.7678

■ 255.0000, 0.0000,
0.0000

■ 59.3250, 67.3808,
-52.0280

■ 140.0090, 56.6906,
-29.8259

■ 43.8060, 61.2276,
-38.4179

■ 165.1380, 44.3020,
-22.9230

■ 30.1620, 54.6431,
-26.4521

■ 190.5550, 31.7714,
-17.1497

■ 13.1100, 50.2318,
-11.4975

■ 216.5590, 18.9514,
-11.8912

■ 17.7770, 35.1129,
-15.5904

■ 242.2640, 6.2788,
-7.2475

■ 11.5190, 26.3661,
-10.1022

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 76.1320, 73.3919,
-66.7678

■ 90.9280, 66.0975,
-60.4499

■ 106.0230, 58.6557,
-53.5172

■ 121.1180, 51.2138,
-46.5845

■ 135.9140, 43.9194,
-40.2666

■ 151.0090, 36.4776,
-33.3339

■ 165.2180, 29.4725,
-26.5012

■ 180.0140, 22.1781,
-20.1833

■ 195.1090, 14.7363,
-13.2506

■ 210.2040, 7.2944,
-6.3179

Harmonies

Analogous

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



92.1750, 71.3987, -80.8375



76.1320, 73.3919, -66.7678



88.2150, 44.7570, 64.7094

Triad

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



76.1320, 73.3919, -66.7678



84.6320, -41.7236, 82.7607



81.5490, 0.2223, -71.5185

Complementary

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



76.1320, 73.3919, -66.7678



148.8680, -73.3919, 66.7678

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.



69.8530, -34.4375, -61.2611



76.1320, 73.3919, -66.7678



92.5860, -45.6449, 33.6891

Square

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



76.1320, 73.3919, -66.7678



67.2510, -9.9837, 122.5599



84.0050, -41.4145, -16.6674



90.1160, 30.5088, -79.0317

Rectangle

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



76.1320, 73.3919, -66.7678



74.5210, 30.8021, 107.4141



84.0050, -41.4145, -16.6674



78.1120, -10.4082, -68.5042

Sweetspot

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



76.1320, 73.3919, -66.7678



204.6870, 24.8043, -22.5275



147.9210, -4.3981, -129.7267



97.2230, 15.1731, -13.3506



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.



76.1320, 73.3919, -66.7678



86.0090, 83.3126, -75.4299



33.4240, 94.4470, -6.5108



104.6020, 3.6472, -3.1590



59.3930, 57.4873, -52.0877



16.6250, 15.4679, -14.5801

Inverse Universe

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



77.0790, 4.3981, 129.7267



87.3030, 4.7806, 147.0703



191.5760, -94.4470, 6.5108



104.7450, 0.1257, 6.3626



60.2620, 3.3218, 101.5022



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 76.1320, 73.3919, -66.7678 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 × Fail

Black Background



This preview shows how the YUV color 76.1320, 73.3919, -66.7678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

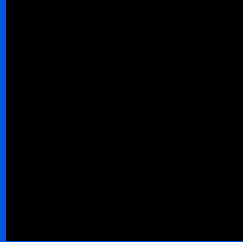
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.1320, 73.3919, -66.7678

Background



This preview shows how black text looks on a background with the YUV color 76.1320, 73.3919, -66.7678.



This preview shows how white text looks on a background with the YUV color 76.1320, 73.3919,

-66.7678.

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

77.7500, 59.2833, -68.1868

Deuteranopia

78.0800, 45.3166, -68.4762

Tritanopia

76.3920, 18.5407, -66.9958

Trichromacy



Protanomaly

77.1290, 64.5194, -67.6421

Deuteranomaly

77.4250, 55.4995, -67.9017

Tritanomaly

76.2560, 38.3278, -66.8765

Monochromacy



Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1320, 26.5569, -24.6718

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1320, 73.3919, -66.7678 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, 86, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 86, 225)  
}
```

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, 86, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 86, 225) }
```

Border

The CSS property to change the border of an element to YUV 76.1320, 73.3919, -66.7678 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, 86, 225) }
```

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

```
.border{ border-color:rgb(0, 86, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 86, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 86, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 86, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 86, 225)  
}
```


Background

The CSS property to change the background color of an element to YUV 76.1320, 73.3919, -66.7678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 86, 225) }
```

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

```
.background{ background-color: rgb(0, 86,  
225) }
```

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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