

Converting Colors

YUV(75.7100, 66.6980,
-66.3977)

Have a look what the booklet for
YUV(75.7100, 66.6980, -66.3977)
contains.

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Color

**YUV(75.7100, 66.6980,
-66.3977)**

Conversions

Conversions Part 1

Format	Color
Hex	0058D3
RGB	0, 88, 211
RGB Percent	0%, 35%, 83%
CMY	1.0000, 0.6549, 0.1725
CMYK	1.00, 0.58, 0.00, 0.17
HSL	215°, 100%, 41%
HSV	215°, 100%, 83%
XYZ	15.2476, 11.6826, 63.0793
YIQ	75.7100, -91.9310, 19.5970

Conversions

Conversions Part 2

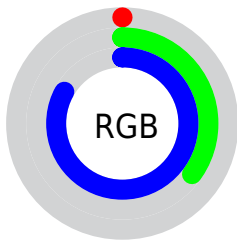
Format	Color
R _Y B	0, 62, 211
Decimal	22739
CIE Lab	40.71, 27.25, -68.96
CIE LCh	41, 74.146, 291.565
Yxy	11.6826, 0.1694, 0.1298
Android (android.graphics.Color)	4278212819 (0xFF0058D3)
YUV	75.7100, 66.6980, -66.3977
Hunter-Lab	34.1798, 19.8141, -85.4947

Details

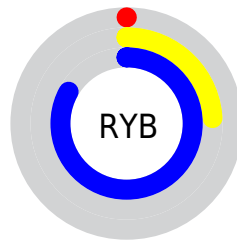
The YUV color **75.7100, 66.6980, -66.3977** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **135.2900, -66.6980, 66.3977**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9870, 56.7014, -33.3146**, and **43.4980, 54.9705, -38.1477** is the 20% darker color. If you saturate the color by 10%, you get **75.7100, 66.6980, -66.3977**, and if you desaturate by 10%, it is **89.0330, 60.1297, -59.6649**.

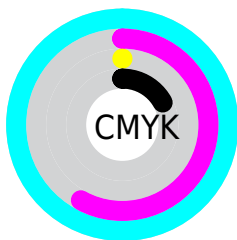
Distribution



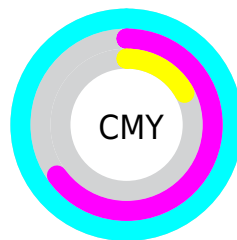
- Red (0%)
- Green (35%)
- Blue (83%)



- Red (0%)
- Yellow (24%)
- Blue (83%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (65%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.7100, 66.6980, -66.3977 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 75.7100, 66.6980, -66.3977 by changing the saturation by 10% instead.

■ 75.7100, 66.6980,
-66.3977

■ 75.7100, 66.6980,
-66.3977

■ 255.0000, 0.0000,
0.0000

■ 59.0170, 61.1236,
-51.7579

■ 139.9870, 56.7014,
-33.3146

■ 43.4980, 54.9705,
-38.1477

■ 164.8170, 44.4602,
-27.0265

■ 29.8540, 48.3860,
-26.1820

■ 190.2340, 31.9296,
-21.2532

■ 11.7420, 44.9902,
-10.2977

■ 215.6400, 19.4045,
-17.2243

■ 14.6480, 30.7395,
-12.8463

■ 241.3450, 6.7319,
-12.5806

■ 9.0910, 22.1401,
-7.9728

■ 4.7080, 12.9620,

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 75.7100, 66.6980,
-66.3977

■ 89.0330, 60.1297,
-59.6649

■ 102.9430, 53.2721,
-53.4470

■ 116.2660, 46.7039,
-46.7143

■ 129.5890, 40.1356,
-39.9816

■ 143.2110, 33.4200,
-32.6340

■ 157.1210, 26.5623,
-26.4161

■ 170.4440, 19.9941,
-19.6834

■ 183.7670, 13.4259,
-12.9507

■ 197.6770, 6.5682,
-6.7327

Harmonies

Analogous

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



88.8350, 63.6783, -77.9083



75.7100, 66.6980, -66.3977



93.6230, 39.1329, 48.5656

Triad

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



75.7100, 66.6980, -66.3977



84.0120, -41.4179, 78.0425



78.5170, -1.2409, -68.8594

Complementary

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



75.7100, 66.6980, -66.3977



135.2900, -66.6980, 66.3977

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.



67.5050, -33.2800, -59.2019



75.7100, 66.6980, -66.3977



91.1240, -44.9241, 35.8483

Square

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



75.7100, 66.6980, -66.3977



64.9880, -4.4311, 114.8975



84.9460, -41.8784, -7.8456



86.8730, 25.6986, -76.1876

Rectangle

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



75.7100, 66.6980, -66.3977



69.9220, 32.5765, 98.2924



84.9460, -41.8784, -7.8456



75.4220, -10.5610, -66.1451

Sweetspot

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



75.7100, 66.6980, -66.3977



205.8610, 24.2255, -23.5571



137.5370, -8.6457, -120.6199



98.3970, 14.5943, -14.3802



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.



75.7100, 66.6980, -66.3977



91.2920, 80.7080, -80.0631



28.2400, 90.1007, -12.4885



97.6020, 3.6472, -3.1590



60.2420, 53.1247, -52.8322



14.6530, 12.9891, -12.8507

Inverse Universe

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



73.1210, 7.3353, 120.9199



88.3290, 8.7118, 146.1705



182.7600, -90.1007, 12.4885



97.7450, 0.1257, 6.3626



58.2120, 5.8115, 96.2841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 75.7100, 66.6980, -66.3977 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 75.7100, 66.6980, -66.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

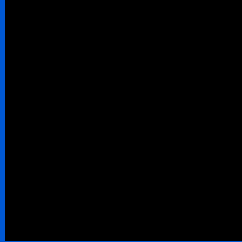
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.7100, 66.6980, -66.3977

Background



This preview shows how black text looks on a background with the YUV color 75.7100, 66.6980, -66.3977.



This preview shows how white text looks on a background with the YUV color 75.7100, 66.6980,

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

76.3480, 58.9884, -66.9572

Deuteranopia

76.6780, 45.0217, -67.2466

Tritanopia

75.1040, 18.6827, -65.8662

Trichromacy



Protanomaly

76.3310, 61.4618, -66.9423

Deuteranomaly

76.1540, 53.1681, -66.7871

Tritanomaly

75.0990, 36.4332, -65.8618

Monochromacy



Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.5620, 24.3729, -24.1719

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7100, 66.6980, -66.3977 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, 88, 211)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 211)  
}
```

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, 88, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 211) }
```

Border

The CSS property to change the border of an element to YUV 75.7100, 66.6980, -66.3977 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, 88, 211) }
```

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

```
.border{ border-color:rgb(0, 88, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 88, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 88, 211);  
box-shadow:4px 4px 4px 4px rgb(0, 88, 211)  
}
```


Background

The CSS property to change the background color of an element to YUV 75.7100, 66.6980, -66.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 88, 211) }
```

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

```
.background{ background-color: rgb(0, 88,  
211) }
```

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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