

Converting Colors

YUV(74.3710, 74.2601,
-65.2234)

Have a look what the booklet for
YUV(74.3710, 74.2601, -65.2234)
contains.

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Color

**YUV(74.3710, 74.2601,
-65.2234)**

Conversions

Conversions Part 1

Format	Color
Hex	0053E1
RGB	0, 83, 225
RGB Percent	0%, 33%, 88%
CMY	1.0000, 0.6745, 0.1176
CMYK	1.00, 0.63, 0.00, 0.12
HSL	218°, 100%, 44%
HSV	218°, 100%, 88%
XYZ	16.6839, 11.6228, 72.5982
YIQ	74.3710, -95.0500, 26.5660

Conversions

Conversions Part 2

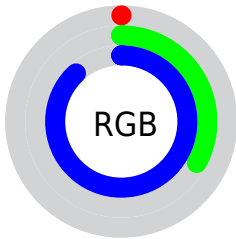
Format	Color
RYB	0, 61, 225
Decimal	21473
CIELab	40.61, 35.95, -77.12
CIELCh	41, 85.086, 294.991
Yxy	11.6228, 0.1653, 0.1152
Android (android.graphics.Color)	4278211553 (0xFF0053E1)
YUV	74.3710, 74.2601, -65.2234
Hunter-Lab	34.0922, 27.6922, -102.3918

Details

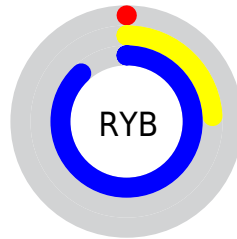
The YUV color **74.3710, 74.2601, -65.2234** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **150.6290, -74.2601, 65.2234**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2480, 57.5587, -28.2815**, and **42.6320, 61.8064, -37.3883** is the 20% darker color. If you saturate the color by 10%, you get **74.3710, 74.2601, -65.2234**, and if you desaturate by 10%, it is **89.1670, 66.9657, -58.9055**.

Distribution



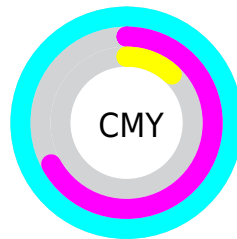
- Red (0%)
- Green (33%)
- Blue (88%)



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



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (67%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.3710, 74.2601, -65.2234 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 74.3710, 74.2601, -65.2234 by changing the saturation by 10% instead.

■ 74.3710, 74.2601,
-65.2234

■ 74.3710, 74.2601,
-65.2234

■ 255.0000, 0.0000,
0.0000

■ 57.5640, 68.2489,
-50.4836

■ 138.2480, 57.5587,
-28.2815

■ 42.6320, 61.8064,
-37.3883

■ 163.6760, 45.0227,
-20.7639

■ 28.9880, 55.2219,
-25.4225

■ 189.0930, 32.4922,
-14.9906

■ 13.1100, 50.2318,
-11.4975

■ 214.2110, 20.1090,
-9.8320

■ 17.7770, 35.1129,
-15.5904

■ 240.8020, 6.9996,
-5.0884

■ 11.5190, 26.3661,
-10.1022

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 74.3710, 74.2601,
-65.2234

■ 89.1670, 66.9657,
-58.9055

■ 104.2620, 59.5238,
-51.9728

■ 119.9440, 51.7926,
-45.5549

■ 134.7400, 44.4982,
-39.2370

■ 149.8350, 37.0563,
-32.3043

■ 164.6310, 29.7619,
-25.9864

■ 179.4270, 22.4675,
-19.6685

■ 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.



91.7020, 72.1249, -80.4227



74.3710, 74.2601, -65.2234



82.7150, 46.4825, 71.2869

Triad

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



74.3710, 74.2601, -65.2234



82.8600, -40.8500, 82.5608



80.3750, 0.8011, -70.4889

Complementary

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



74.3710, 74.2601, -65.2234



150.6290, -74.2601, 65.2234

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.



69.2660, -34.1481, -60.7463



74.3710, 74.2601, -65.2234



90.2160, -44.4765, 32.2596

Square

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



74.3710, 74.2601, -65.2234



66.7950, -11.7309, 122.9598



81.6240, -40.2406, -19.8412



89.7570, 31.6718, -78.7169

Rectangle

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



74.3710, 74.2601, -65.2234



74.1790, 29.4918, 107.7140



81.6240, -40.2406, -19.8412



76.8240, -10.2662, -67.3746

Sweetspot

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



74.3710, 74.2601, -65.2234



204.1000, 25.0937, -22.0127



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.



74.3710, 74.2601, -65.2234



84.2480, 84.1807, -73.8855



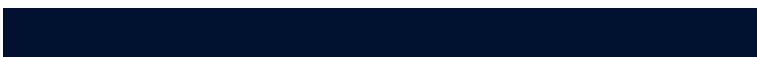
33.4240, 94.4470, -6.5108



104.6020, 3.6472, -3.1590



58.2190, 58.0660, -51.0581



16.0380, 15.7573, -14.0653

Inverse Universe

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



76.7370, 3.0877, 130.0267



86.9610, 3.4702, 147.3702



191.5760, -94.4470, 6.5108



104.7450, 0.1257, 6.3626



60.0340, 2.4482, 101.7022



16.4040, 0.7868, 27.7097

Previews

White Background



This preview shows how the YUV color 74.3710, 74.2601, -65.2234 looks on a white background.

Color Contrast Check

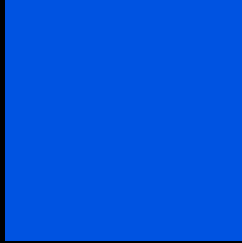
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.3710, 74.2601, -65.2234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

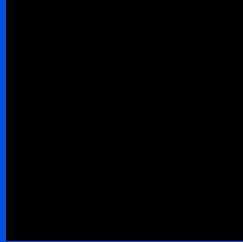
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.3710, 74.2601, -65.2234

Background



This preview shows how black text looks on a background with the YUV color 74.3710, 74.2601, -65.2234.



This preview shows how white text looks on a background with the YUV color 74.3710, 74.2601, -65.2234.

-65.2234.

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

76.1200, 58.1148, -66.7572

Deuteranopia

76.4500, 44.1482, -67.0466

Tritanopia

74.9900, 18.2459, -65.7662

Trichromacy



Protanomaly

75.6130, 63.7878, -66.3126

Deuteranomaly

75.9090, 54.7679, -66.5722

Tritanomaly

74.9680, 38.4698, -65.7469

Monochromacy



Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.9580, 27.1357, -23.6422

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.3710, 74.2601, -65.2234 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, 83, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 83, 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, 83, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 83, 225) }
```

Border

The CSS property to change the border of an element to YUV 74.3710, 74.2601, -65.2234 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, 83, 225) }
```

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

```
.border{ border-color:rgb(0, 83, 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, 83, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 83, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 83, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 83, 225)  
}
```


Background

The CSS property to change the background color of an element to YUV 74.3710, 74.2601, -65.2234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 83, 225) }
```

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

```
.background{ background-color: rgb(0, 83,  
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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