

Converting Colors

YUV(71.5790, 88.9476,
-62.7748)

Have a look what the booklet for
YUV(71.5790, 88.9476, -62.7748)
contains.

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Color

**YUV(71.5790, 88.9476,
-62.7748)**

Conversions

Conversions Part 1

Format	Color
Hex	0049FC
RGB	0, 73, 252
RGB Percent	0%, 29%, 99%
CMY	1.0000, 0.7137, 0.0118
CMYK	1.00, 0.71, 0.00, 0.01
HSL	223°, 100%, 49%
HSV	223°, 100%, 99%
XYZ	19.9532, 11.7934, 93.3202
YIQ	71.5790, -100.9670, 40.1930

Conversions

Conversions Part 2

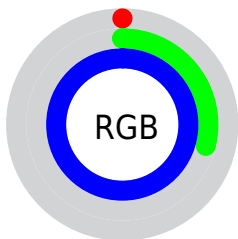
Format	Color
RYB	0, 57, 252
Decimal	18940
CIELab	40.89, 51.97, -91.90
CIELCh	41, 105.573, 299.487
Yxy	11.7934, 0.1595, 0.0943
Android (android.graphics.Color)	4278209020 (0xFF0049FC)
YUV	71.5790, 88.9476, -62.7748
Hunter-Lab	34.3415, 43.6153, -137.0768

Details

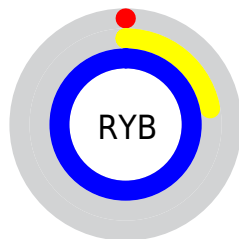
The YUV color **71.5790, 88.9476, -62.7748** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **180.4210, -88.9476, 62.7748**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3680, 58.9786, -16.9857**, and **39.1390, 76.3465, -34.3249** is the 20% darker color. If you saturate the color by 10%, you get **71.5790, 88.9476, -62.7748**, and if you desaturate by 10%, it is **89.6200, 80.0533, -56.6717**.

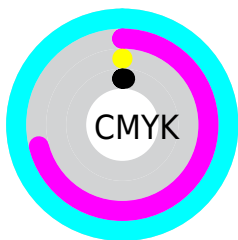
Distribution



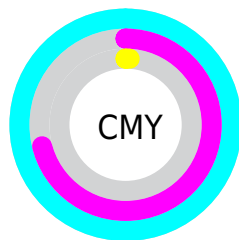
- Red (0%)
- Green (29%)
- Blue (99%)



- Red (0%)
- Yellow (22%)
- Blue (99%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (71%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.5790, 88.9476, -62.7748 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 71.5790, 88.9476, -62.7748 by changing the saturation by 10% instead.

■ 71.5790, 88.9476,
-62.7748

■ 71.5790, 88.9476,
-62.7748

■ 255.0000, 0.0000,
0.0000

■ 54.7720, 82.9364,
-48.0350

■ 135.3680, 58.9786,
-16.9857

■ 39.1390, 76.3465,
-34.3249

■ 160.7960, 46.4426,
-9.4681

■ 25.3810, 69.3252,
-22.2591

■ 186.8110, 33.6172,
-2.4652

■ 15.7320, 60.2781,
-13.7970

■ 212.2280, 21.0866,
3.3080

■ 19.2250, 45.7381,
-16.8603

■ 239.1180, 7.8298,
8.6665

■ 16.8480, 34.0919,
-14.7757

■ 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 71.5790, 88.9476,
-62.7748

■ 89.6200, 80.0533,
-56.6717

■ 107.6610, 71.1591,
-50.5687

■ 126.0010, 62.1175,
-43.8509

■ 144.0420, 53.2233,
-37.7478

■ 162.0830, 44.3291,
-31.6448

■ 179.5370, 35.7243,
-25.0269

■ 197.5780, 26.8300,
-18.9239

■ 215.9180, 17.7884,
-12.2061

■ 233.9590, 8.8942,
-6.1030

Harmonies

Analogous

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



94.8140, 78.9717, -83.1519



71.5790, 88.9476, -62.7748



78.1280, 53.6739, 98.1117

Triad

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



71.5790, 88.9476, -62.7748



80.5450, -39.7087, 89.8530



83.9770, 4.4483, -73.6478

Complementary

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



71.5790, 88.9476, -62.7748



180.4210, -88.9476, 62.7748

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.



71.6140, -35.3057, -62.8055



71.5790, 88.9476, -62.7748



91.0580, -44.8916, 25.3821

Square

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



71.5790, 88.9476, -62.7748



69.3270, -25.3042, 136.5252



66.9180, -32.9906, -58.6871



95.1830, 42.3078, -83.4755

Rectangle

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



71.5790, 88.9476, -62.7748



82.2090, 24.0540, 125.2277



66.9180, -32.9906, -58.6871



79.8560, -8.8030, -70.0337

Sweetspot

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



71.5790, 88.9476, -62.7748



200.5780, 26.8300, -18.9239



167.9880, 3.9499, -147.3255



94.8750, 16.3306, -11.2914



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.



71.5790, 88.9476, -62.7748



72.5080, 89.9686, -63.5895



43.6780, 102.7027, 5.5444



115.8300, 4.5208, -3.3589



53.8310, 66.6383, -47.2098



17.5200, 21.4356, -15.3650

Inverse Universe

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



83.6700, -5.2603, 147.6254



84.6810, -5.2657, 149.3698



208.3220, -102.7027, -5.5444



116.3430, -0.1691, 7.5922



62.7810, -3.8360, 110.6941



20.2910, -1.1295, 35.7018

Previews

White Background



This preview shows how the YUV color 71.5790, 88.9476, -62.7748 looks on a white background.

Color Contrast Check

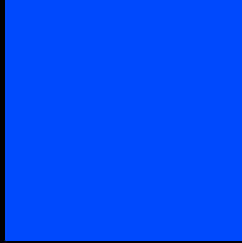
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.5790, 88.9476, -62.7748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

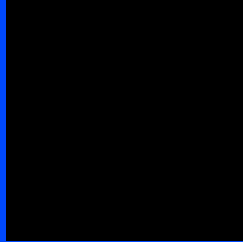
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.5790, 88.9476, -62.7748

Background



This preview shows how black text looks on a background with the YUV color 71.5790, 88.9476, -62.7748.



This preview shows how white text looks on a background with the YUV color 71.5790, 88.9476, -62.7748.

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

76.3360, 43.7114, -66.9467

Tritanopia

74.9900, 18.2459, -65.7662

Trichromacy



Protanomaly

74.4050, 69.3133, -65.2532

Deuteranomaly

74.7010, 60.2934, -65.5128

Tritanomaly

73.7600, 43.9953, -64.6875

Monochromacy



Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.6360, 32.2245, -22.4828

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.5790, 88.9476, -62.7748 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, 73, 252)` looks like.

```
.text, #text, p{  
    color:rgb(0, 73, 252)  
}
```

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, 73, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 73, 252) }
```

Border

The CSS property to change the border of an element to YUV 71.5790, 88.9476, -62.7748 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, 73, 252) }
```

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

```
.border{ border-color:rgb(0, 73, 252) }
```

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

Here you see how a box with a 4 pixel rgb(0, 73, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 73, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 73, 252);  
box-shadow:4px 4px 4px 4px rgb(0, 73, 252)  
}
```


Background

The CSS property to change the background color of an element to YUV 71.5790, 88.9476, -62.7748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 73, 252) }
```

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

```
.background{ background-color: rgb(0, 73,  
252) }
```

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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