

Converting Colors

YUV(74.8780, 88.8001,
-62.1600)

Have a look what the booklet for
YUV(74.8780, 88.8001, -62.1600)
contains.

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Color

**YUV(74.8780, 88.8001,
-62.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	044CFF
RGB	4, 76, 255
RGB Percent	2%, 30%, 100%
CMY	0.9843, 0.7020, 0.0000
CMYK	0.98, 0.70, 0.00, 0.00
HSL	223°, 100%, 51%
HSV	223°, 98%, 100%
XYZ	20.6845, 12.4147, 95.9138
YIQ	74.8780, -100.3710, 40.4050

Conversions

Conversions Part 2

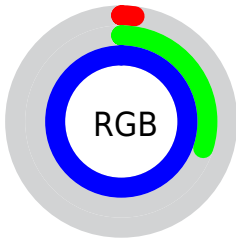
Format	Color
R _Y B	4, 60, 255
Decimal	281855
CIE Lab	41.87, 51.32, -91.95
CIE LCh	42, 105.302, 299.167
Yxy	12.4147, 0.1603, 0.0962
Android (android.graphics.Color)	4278471935 (0xFF044CFF)
YUV	74.8780, 88.8001, -62.1600
Hunter-Lab	35.2345, 43.1286, -136.7325

Details

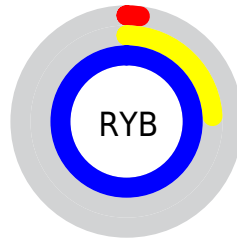
The YUV color **74.8780, 88.8001, -62.1600** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **184.1220, -88.8001, 62.1600**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4280, 57.9630, -17.9154**, and **41.2420, 76.7887, -36.1692** is the 20% darker color. If you saturate the color by 10%, you get **71.9210, 90.2579, -63.0747**, and if you desaturate by 10%, it is **92.9190, 79.9059, -56.0570**.

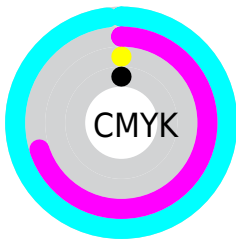
Distribution



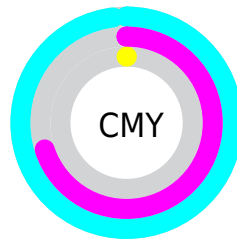
- Red (2%)
- Green (30%)
- Blue (100%)



- Red (2%)
- Yellow (24%)
- Blue (100%)



- Cyan (98%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (98%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8780, 88.8001, -62.1600 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 74.8780, 88.8001, -62.1600 by changing the saturation by 10% instead.

■ 74.8780, 88.8001,
-62.1600

■ 74.8780, 88.8001,
-62.1600

■ 255.0000, 0.0000,
0.0000

■ 56.8750, 83.3786,
-49.8794

■ 137.4280, 57.9630,
-17.9154

■ 41.2420, 76.7887,
-36.1692

■ 163.1550, 45.2796,
-9.7829

■ 27.3700, 69.3306,
-24.0035

■ 188.8710, 32.6016,
-3.3949

■ 16.0740, 61.5885,
-14.0969

■ 215.1740, 19.6342,
2.4784

■ 18.2790, 47.1905,
-16.0307

■ 241.1780, 6.8142,
7.7369

■ 17.7770, 35.1129,
-15.5904

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 74.8780, 88.8001,
-62.1600

■ 74.8780, 88.8001,
-62.1600

■ 71.9210, 90.2579,
-63.0747

■ 92.9190, 79.9059,
-56.0570

■ 111.2590, 70.8643,
-49.3391

■ 130.1860, 61.5333,
-43.1361

■ 148.2270, 52.6391,
-37.0331

■ 166.5670, 43.5975,
-30.3153

■ 184.6080, 34.7033,
-24.2122

■ 202.6490, 25.8090,
-18.1092

■ 220.9890, 16.7674,
-11.3914

■ 239.9160, 7.4364,
-5.1883

Harmonies

Analogous

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



95.9880, 78.3929, -84.1815



74.8780, 88.8001, -62.1600



79.0680, 54.6895, 99.0414

Triad

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



74.8780, 88.8001, -62.1600



82.9150, -40.8771, 91.2825



85.8520, 4.0170, -75.2922

Complementary

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



74.8780, 88.8001, -62.1600



184.1220, -88.8001, 62.1600

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.



73.3750, -36.1739, -64.3499



74.8780, 88.8001, -62.1600



93.1290, -45.9126, 26.1969

Square

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



74.8780, 88.8001, -62.1600



70.9790, -24.1466, 138.5844



68.6900, -33.8642, -58.4871



97.1720, 42.3132, -85.2198

Rectangle

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



74.8780, 88.8001, -62.1600



83.4480, 24.9221, 126.7721



68.6900, -33.8642, -58.4871



81.7310, -9.2344, -71.6781

Sweetspot

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



74.8780, 88.8001, -62.1600



199.9910, 27.1194, -18.4091



171.4010, 4.2393, -146.8107



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.



74.8780, 88.8001, -62.1600



71.9210, 90.2579, -63.0747



47.5640, 102.2659, 5.6444



118.2430, 4.8102, -2.8441



54.0590, 67.5119, -47.4097



17.8620, 22.7460, -15.6650

Inverse Universe

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



87.2570, -5.5497, 147.1106



84.5670, -5.7025, 149.4697



211.4360, -102.2659, -5.6444



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 74.8780, 88.8001, -62.1600 looks on a white background.

Color Contrast Check

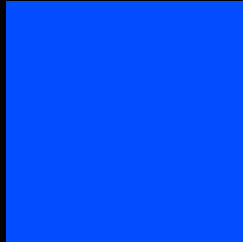
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.8780, 88.8001, -62.1600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

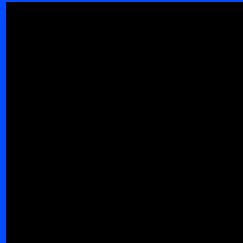
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8780, 88.8001, -62.1600

Background



This preview shows how black text looks on a background with the YUV color 74.8780, 88.8001, -62.1600.



This preview shows how white text looks on a background with the YUV color 74.8780, 88.8001, -62.1600.

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

74.8780, 88.8001, -62.1600

Protanopia

77.8640, 59.7200, -68.2867

Deuteranopia

78.5530, 44.5904, -68.8910



Tritanopia

76.9790, 18.2514, -67.5106

Trichromacy



Original Color

74.8780, 88.8001, -62.1600

Protanomaly

76.3340, 70.3343, -66.0679

Deuteranomaly

77.1030, 60.5882, -66.7423

Tritanomaly

76.0480, 43.8533, -65.8171

Monochromacy



Original Color

74.8780, 88.8001, -62.1600

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.6360, 32.2245, -22.4828

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8780, 88.8001, -62.1600 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(4, 76, 255)` looks like.

```
.text, #text, p{  
    color:rgb(4, 76, 255)  
}
```

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(4, 76, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 76, 255) }
```

Border

The CSS property to change the border of an element to YUV 74.8780, 88.8001, -62.1600 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(4, 76, 255) }
```


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

```
.border{ border-color:rgb(4, 76, 255) }
```

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

Here you see how a box with a 4 pixel rgb(4, 76, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 76, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 76, 255);  
box-shadow:4px 4px 4px 4px rgb(4, 76, 255)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.8780, 88.8001, -62.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 76, 255) }
```

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

```
.background{ background-color: rgb(4, 76,  
255) }
```

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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