

Converting Colors

YUV(97.1620, 77.8141,
-85.2111)

Have a look what the booklet for
YUV(97.1620, 77.8141, -85.2111)
contains.

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Color

**YUV(97.1620, 77.8141,
-85.2111)**

Conversions

Conversions Part 1

Format	Color
Hex	0074FF
RGB	0, 116, 255
RGB Percent	0%, 45%, 100%
CMY	1.0000, 0.5451, 0.0000
CMYK	1.00, 0.55, 0.00, 0.00
HSL	213°, 100%, 50%
HSV	213°, 100%, 100%
XYZ	24.2954, 19.7108, 97.1318
YIQ	97.1620, -113.7550, 18.6370

Conversions

Conversions Part 2

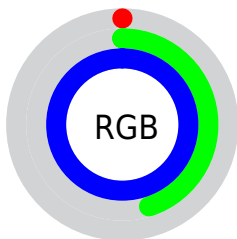
Format	Color
R _Y B	0, 80, 255
Decimal	29951
CIE Lab	51.51, 26.34, -76.14
CIE LCh	52, 80.561, 289.081
Yxy	19.7108, 0.1721, 0.1397
Android (android.graphics.Color)	4278220031 (0xFF0074FF)
YUV	97.1620, 77.8141, -85.2111
Hunter-Lab	44.3968, 19.9866, -98.6374

Details

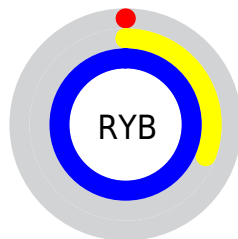
The YUV color **97.1620, 77.8141, -85.2111** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **157.8380, -77.8141, 85.2111**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8860, 46.3982, -41.9960**, and **62.9610, 66.0812, -55.2168** is the 20% darker color. If you saturate the color by 10%, you get **97.1620, 77.8141, -85.2111**, and if you desaturate by 10%, it is **112.8550, 70.0775, -77.0488**.

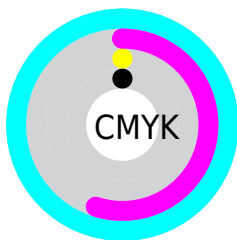
Distribution



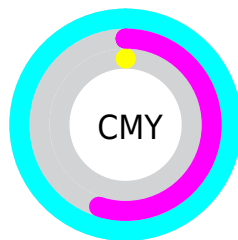
- Red (0%)
- Green (45%)
- Blue (100%)



- Red (0%)
- Yellow (31%)
- Blue (100%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.1620, 77.8141, -85.2111 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 97.1620, 77.8141, -85.2111 by changing the saturation by 10% instead.

■ 97.1620, 77.8141,
-85.2111

■ 97.1620, 77.8141,
-85.2111

255.0000, 0.0000,
0.0000

■ 79.7680, 72.0924,
-69.9565

■ 160.8860, 46.3982,
-41.9960

■ 62.9610, 66.0812,
-55.2168

■ 186.9010, 33.5728,
-34.9932

■ 48.0290, 59.6387,
-42.1214

■ 213.2040, 20.6054,
-29.1199

■ 33.7980, 53.3436,
-29.6408

■ 239.2080, 7.7855,
-23.8614

■ 17.2190, 48.2060,
-15.1011

■ 251.7110, 1.6215,
-6.7625

■ 17.8910, 35.5497,
-15.6904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 97.1620, 77.8141,
-85.2111

■ 112.8550, 70.0775,
-77.0488

■ 128.8470, 62.1934,
-68.2718

■ 144.8390, 54.3094,
-59.4948

■ 160.5320, 46.5727,
-51.3326

■ 176.5240, 38.6887,
-42.5555

■ 191.6300, 31.2414,
-33.8785

■ 207.6220, 23.3574,
-25.1015

■ 223.3150, 15.6207,
-16.9393

■ 239.3070, 7.7366,
-8.1622

Harmonies

Analogous

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



110.6630, 71.1581, -97.0515



97.1620, 77.8141, -85.2111



123.1050, 44.8112, 47.2659

Triad

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



97.1620, 77.8141, -85.2111



109.7660, -51.6496, 93.1672



98.7660, -2.3496, -86.6178

Complementary

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



97.1620, 77.8141, -85.2111



157.8380, -77.8141, 85.2111

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.



85.9130, -38.9041, -75.3457



97.1620, 77.8141, -85.2111



115.9870, -57.1816, 47.3694

Square

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



97.1620, 77.8141, -85.2111



95.0110, -5.9214, 126.2784



110.3630, -54.4090, -2.0724



108.1480, 28.5210, -94.8458

Rectangle

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



97.1620, 77.8141, -85.2111



110.8460, 31.1349, 93.9741



110.3630, -54.4090, -2.0724



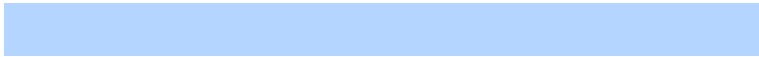
95.4430, -12.5434, -83.7035

Sweetspot

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



97.1620, 77.8141, -85.2111



207.6220, 23.3574, -25.1015



165.1890, -14.3902, -144.8708



98.9840, 14.3049, -14.8950



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.



97.1620, 77.8141, -85.2111



31.4620, 110.2042, -20.5762



120.0040, 3.9420, -4.3885



72.8430, 58.2514, -63.8833



24.3190, 19.5627, -21.3278

Inverse Universe

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



89.4690, 13.0798, 145.1707



223.5380, -110.2042, 20.5762



119.5710, 0.7045, 7.3922



67.0270, 9.8467, 108.7243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 97.1620, 77.8141, -85.2111 looks on a white background.

Color Contrast Check

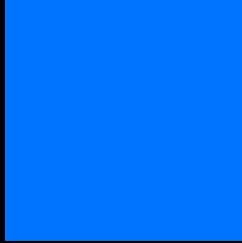
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 97.1620, 77.8141, -85.2111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

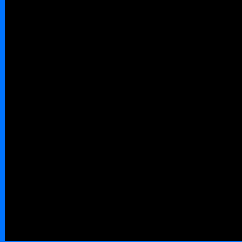
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

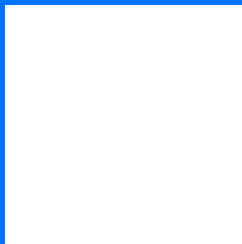
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.1620, 77.8141, -85.2111

Background



This preview shows how black text looks on a background with the YUV color 97.1620, 77.8141, -85.2111.



This preview shows how white text looks on a background with the YUV color 97.1620, 77.8141, -85.2111.

-85.2111.

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

97.1790, 75.3408, -85.2260

Deuteranopia

97.8850, 57.7377, -85.8451

Tritanopia

96.2480, 23.5417, -84.4095

Trichromacy



Protanomaly

97.4070, 76.2143, -85.4259

Deuteranomaly

97.8340, 65.1578, -85.8004

Tritanomaly

96.6990, 43.0394, -84.8050

Monochromacy



Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1420, 28.0310, -30.8195

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.1620, 77.8141, -85.2111 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, 116, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 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(0, 116, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 255) }
```

Border

The CSS property to change the border of an element to YUV 97.1620, 77.8141, -85.2111 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, 116, 255) }
```

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

```
.border{ border-color:rgb(0, 116, 255) }
```

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

Here you see how a box with a 4 pixel rgb(0, 116, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 116,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 97.1620, 77.8141, -85.2111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 255) }
```

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

```
.background{ background-color: rgb(0, 116,  
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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