

Converting Colors

YUV(74.9270, 87.7900,
-64.8340)

Have a look what the booklet for
YUV(74.9270, 87.7900, -64.8340)
contains.

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Color

**YUV(74.9270, 87.7900,
-64.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	014EFD
RGB	1, 78, 253
RGB Percent	0%, 31%, 99%
CMY	0.9961, 0.6941, 0.0078
CMYK	1.00, 0.69, 0.00, 0.01
HSL	222°, 99%, 50%
HSV	222°, 100%, 99%
XYZ	20.4665, 12.5471, 94.2716
YIQ	74.9270, -102.0670, 38.1010

Conversions

Conversions Part 2

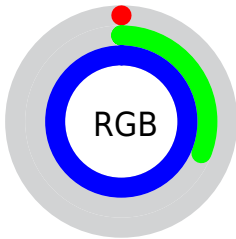
Format	Color
R_{YB}	1, 60, 253
Decimal	85757
CIE _{Lab}	42.07, 49.38, -90.50
CIE _{LCh}	42, 103.089, 298.618
Yxy	12.5471, 0.1608, 0.0986
Android (android.graphics.Color)	4278275837 (0xFF014EFD)
YUV	74.9270, 87.7900, -64.8340
Hunter-Lab	35.4219, 41.1479, -132.9989

Details

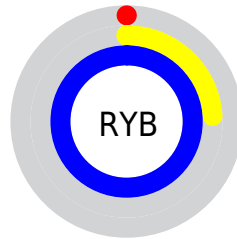
The YUV color **74.9270, 87.7900, -64.8340** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **179.0730, -87.7900, 64.8340**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.3030, 57.5316, -19.5597**, and **42.1880, 75.3363, -36.9989** is the 20% darker color. If you saturate the color by 10%, you get **74.0410, 88.2268, -64.9340**, and if you desaturate by 10%, it is **92.9680, 78.8958, -58.7309**.

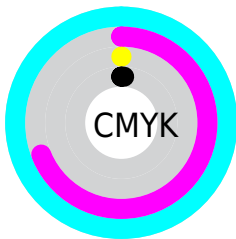
Distribution



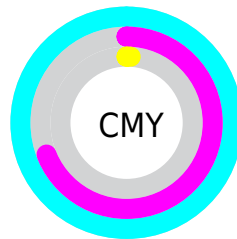
- Red (0%)
- Green (31%)
- Blue (99%)



- Red (0%)
- Yellow (24%)
- Blue (99%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (69%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.9270, 87.7900, -64.8340 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 74.9270, 87.7900, -64.8340 by changing the saturation by 10% instead.

■ 74.9270, 87.7900,
-64.8340

■ 74.9270, 87.7900,
-64.8340

255.0000, 0.0000,
0.0000

■ 57.8210, 81.9262,
-50.7090

■ 138.3030, 57.5316,
-19.5597

■ 42.1880, 75.3363,
-36.9989

■ 163.7310, 44.9956,
-12.0421

■ 28.4300, 68.3150,
-24.9331

■ 189.7460, 32.1702,
-5.0392

■ 15.8460, 60.7149,
-13.8969

■ 215.7500, 19.3502,
0.2193

■ 18.1650, 46.7537,
-15.9307

■ 241.7540, 6.5303,
5.4777

■ 16.9620, 34.5287,
-14.8757

■ 10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 74.9270, 87.7900,
-64.8340

■ 74.9270, 87.7900,
-64.8340

■ 74.0410, 88.2268,
-64.9340

■ 92.9680, 78.8958,
-58.7309

■ 110.7210, 70.1435,
-51.4983

■ 128.7620, 61.2493,
-45.3953

■ 146.2160, 52.6445,
-38.7774

■ 164.5560, 43.6029,
-32.0596

■ 182.0100, 34.9981,
-25.4418

■ 200.0510, 26.1039,
-19.3387

■ 218.0920, 17.2096,
-13.2357

■ 235.8450, 8.4574,
-6.0031

Harmonies

Analogous

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



96.5750, 78.1035, -84.6963



74.9270, 87.7900, -64.8340



78.4700, 54.9843, 97.8118

Triad

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



74.9270, 87.7900, -64.8340



83.5020, -41.1665, 90.7677



85.7380, 3.5802, -75.1922

Complementary

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



74.9270, 87.7900, -64.8340



179.0730, -87.7900, 64.8340

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



74.9270, 87.7900, -64.8340



93.7270, -46.2074, 27.4264

Square

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



74.9270, 87.7900, -64.8340



71.0220, -22.6888, 137.6697



74.0720, -36.5175, -47.4211



96.8300, 41.0028, -84.9199

Rectangle

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



74.9270, 87.7900, -64.8340



83.0780, 26.0905, 125.3426



74.0720, -36.5175, -47.4211



81.6170, -9.6712, -71.5781

Sweetspot

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



74.9270, 87.7900, -64.8340



201.1650, 26.5407, -19.4387



168.5320, 2.2027, -146.9256



95.4620, 16.0412, -11.8062



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.



74.9270, 87.7900, -64.8340



74.8560, 88.8110, -65.6487



43.4820, 103.2924, 3.0853



118.8300, 4.5208, -3.3589



55.8200, 66.6437, -48.9541



18.4490, 22.4566, -16.1798

Inverse Universe

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



85.1260, -3.5131, 147.2255



85.1370, -3.5185, 148.9699



210.5180, -103.2924, -3.0853



119.3430, -0.1691, 7.5922



63.7210, -2.8205, 111.6237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 74.9270, 87.7900, -64.8340 looks on a white background.

Color Contrast Check

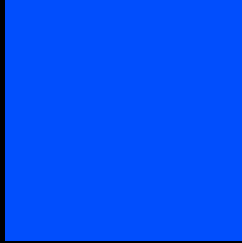
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.9270, 87.7900, -64.8340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

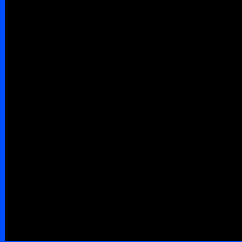
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.9270, 87.7900, -64.8340

Background



This preview shows how black text looks on a background with the YUV color 74.9270, 87.7900, -64.8340.



This preview shows how white text looks on a background with the YUV color 74.9270, 87.7900, -64.8340.

-64.8340.

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

74.9270, 87.7900, -64.8340

Protanopia

78.5650, 59.8675, -68.9015

Deuteranopia

78.7810, 45.4640, -69.0909



Tritanopia

77.0930, 18.6882, -67.6106

Trichromacy



Original Color

74.9270, 87.7900, -64.8340

Protanomaly

77.2090, 69.9030, -67.7123

Deuteranomaly

77.5050, 60.8830, -67.9719

Tritanomaly

76.3360, 43.7114, -66.9467

Monochromacy



Original Color

74.9270, 87.7900, -64.8340

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9240, 32.0825, -23.6123

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.9270, 87.7900, -64.8340 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(1, 78, 253)` looks like.

```
.text, #text, p{  
    color:rgb(1, 78, 253)  
}
```

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(1, 78, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 78, 253) }
```

Border

The CSS property to change the border of an element to YUV 74.9270, 87.7900, -64.8340 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(1, 78, 253) }
```


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

```
.border{ border-color:rgb(1, 78, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 78, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 78, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 78, 253);  
box-shadow:4px 4px 4px 4px rgb(1, 78, 253)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.9270, 87.7900, -64.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 78, 253) }
```

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

```
.background{ background-color: rgb(1, 78,  
253) }
```

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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