

Converting Colors

YUV(99.7550, 75.0568,
-87.4851)

Have a look what the booklet for
YUV(99.7550, 75.0568, -87.4851)
contains.

YUV(99.7550, 75.0568, -87.4851)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(99.7550, 75.0568,
-87.4851)**

Conversions

Conversions Part 1

Format	Color
Hex	0079FC
RGB	0, 121, 252
RGB Percent	0%, 47%, 99%
CMY	1.0000, 0.5255, 0.0118
CMYK	1.00, 0.52, 0.00, 0.01
HSL	211°, 100%, 49%
HSV	211°, 100%, 99%
XYZ	24.4081, 20.7030, 94.8051
YIQ	99.7550, -114.1670, 15.0890

Conversions

Conversions Part 2

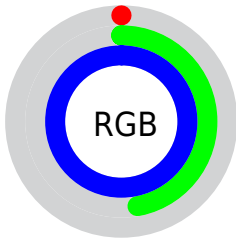
Format	Color
R _{YB}	0, 82, 252
Decimal	31228
CIE _{Lab}	52.62, 22.02, -72.66
CIE _{LCh}	53, 75.928, 286.860
Y _{xy}	20.7030, 0.1744, 0.1480
Android (android.graphics.Color)	4278221308 (0xFF0079FC)
Y _{UV}	99.7550, 75.0568, -87.4851
Hunter-Lab	45.5006, 16.1275, -91.6864

Details

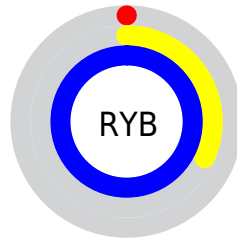
The YUV color **99.7550, 75.0568, -87.4851** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **152.2450, -75.0568, 87.4851**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1090, 44.8093, -45.6996**, and **65.5540, 63.3239, -57.4909** is the 20% darker color. If you saturate the color by 10%, you get **99.7550, 75.0568, -87.4851**, and if you desaturate by 10%, it is **114.8610, 67.6095, -78.8081**.

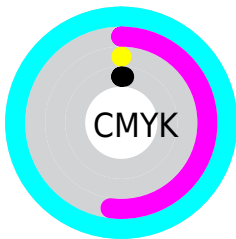
Distribution



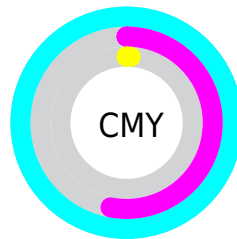
- Red (0%)
- Green (47%)
- Blue (99%)



- Red (0%)
- Yellow (32%)
- Blue (99%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (53%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7550, 75.0568, -87.4851 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 99.7550, 75.0568, -87.4851 by changing the saturation by 10% instead.

■ 99.7550, 75.0568,
-87.4851

■ 99.7550, 75.0568,
-87.4851

255.0000, 0.0000,
0.0000

■ 82.3610, 69.3350,
-72.2306

■ 164.1090, 44.8093,
-45.6996

■ 65.5540, 63.3239,
-57.4909

■ 190.1240, 31.9839,
-38.6967

■ 50.0350, 57.1707,
-43.8807

■ 215.8400, 19.3059,
-32.3087

■ 35.8040, 50.8756,
-31.4001

■ 241.8440, 6.4859,
-27.0502

■ 20.5130, 45.5961,
-17.9899

■ 251.1130, 1.9163,
-7.9921

■ 17.0760, 34.9655,
-14.9757

■ 10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 99.7550, 75.0568,
-87.4851

■ 114.8610, 67.6095,
-78.8081

■ 129.9670, 60.1623,
-70.1311

■ 145.3720, 52.5676,
-60.8392

■ 160.4780, 45.1203,
-52.1622

■ 176.1710, 37.3837,
-44.0000

■ 191.2770, 29.9364,
-35.3229

■ 206.3830, 22.4892,
-26.6459

■ 221.7880, 14.8945,
-17.3541

■ 236.8940, 7.4473,
-8.6770

Harmonies

Analogous

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



112.3100, 69.8532, -98.4959



99.7550, 75.0568, -87.4851



127.7080, 43.5280, 38.8441

Triad

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



99.7550, 75.0568, -87.4851



115.3340, -43.0557, 90.0381



99.9400, -2.9284, -87.6474

Complementary

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



99.7550, 75.0568, -87.4851



152.2450, -75.0568, 87.4851

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.



91.5270, -36.7418, -68.8682



99.7550, 75.0568, -87.4851



118.3680, -58.3554, 50.5433

Square

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



99.7550, 75.0568, -87.4851



107.4780, -7.6307, 114.4678



113.9400, -56.1724, 3.5606



108.8660, 26.1951, -95.4755

Rectangle

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



99.7550, 75.0568, -87.4851



119.7860, 28.6995, 81.7487



113.9400, -56.1724, 3.5606



96.7310, -12.6854, -84.8331

Sweetspot

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



99.7550, 75.0568, -87.4851



208.7960, 22.7786, -26.1311



162.7440, -16.1428, -142.7265



100.1580, 13.7261, -15.9246



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.



99.7550, 75.0568, -87.4851



100.6840, 76.0778, -88.2999



29.9240, 109.4835, -22.7353



117.0040, 3.9420, -4.3885



74.9630, 56.2202, -65.7426



23.9770, 18.2523, -21.0278

Inverse Universe

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



89.1420, 15.7060, 142.8265



90.1530, 15.7006, 144.5708



222.0760, -109.4835, 22.7353



116.5710, 0.7045, 7.3922



66.8850, 11.8887, 107.0949



21.5450, 3.6753, 34.6020

Previews

White Background



This preview shows how the YUV color 99.7550, 75.0568, -87.4851 looks on a white background.

Color Contrast Check

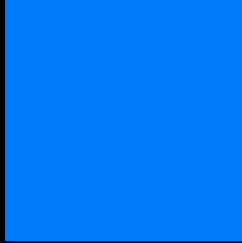
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.7550, 75.0568, -87.4851 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

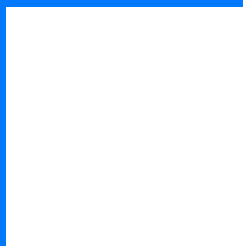
Any Text WCAG AAA × Fail

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

YUV 99.7550, 75.0568, -87.4851 Background



This preview shows how black text looks on a background with the YUV color 99.7550, 75.0568, -87.4851.



This preview shows how white text looks on a background with the YUV color 99.7550, 75.0568,

-87.4851.

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

99.7550, 75.0568, -87.4851

Protanopia

108.6220, 70.1924, -67.1975

Deuteranopia

100.3300, 59.4903, -87.9894



Tritanopia

98.3510, 23.9840, -86.2538

Trichromacy



Original Color

99.7550, 75.0568, -87.4851

Protanomaly

105.0340, 71.9612, -74.5748

Deuteranomaly

99.8230, 65.1633, -87.5448

Tritanomaly

98.5740, 42.6080, -86.4494

Monochromacy



Original Color

99.7550, 75.0568, -87.4851

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.2020, 27.0154, -31.7492

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7550, 75.0568, -87.4851 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, 121, 252)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 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, 121, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 252) }
```

Border

The CSS property to change the border of an element to YUV 99.7550, 75.0568, -87.4851 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, 121, 252) }
```


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

```
.border{ border-color:rgb(0, 121, 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, 121, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 252);  
box-shadow:4px 4px 4px 4px rgb(0, 121,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 99.7550, 75.0568, -87.4851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 252) }
```

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

```
.background{ background-color: rgb(0, 121,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor