

Converting Colors

YUV(98.7430, 77.0347,
-21.6996)

Have a look what the booklet for
YUV(98.7430, 77.0347, -21.6996)
contains.

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Color

**YUV(98.7430, 77.0347,
-21.6996)**

Conversions

Conversions Part 1

Format	Color
Hex	4A51FF
RGB	74, 81, 255
RGB Percent	29%, 32%, 100%
CMY	0.7098, 0.6824, 0.0000
CMYK	0.71, 0.68, 0.00, 0.00
HSL	238°, 100%, 65%
HSV	238°, 71%, 100%
XYZ	23.8165, 14.5607, 96.1630
YIQ	98.7430, -60.0260, 52.6300

Conversions

Conversions Part 2

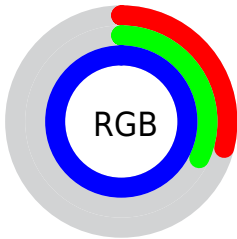
Format	Color
R _Y B	74, 81, 255
Decimal	4870655
CIE Lab	45.03, 52.18, -86.67
CIE LCh	45, 101.163, 301.049
Yxy	14.5607, 0.1770, 0.1082
Android (android.graphics.Color)	4283060735 (0xFF4A51FF)
YUV	98.7430, 77.0347, -21.6996
Hunter-Lab	38.1585, 44.6327, -122.7054

Details

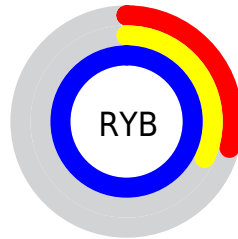
The YUV color **98.7430, 77.0347, -21.6996** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **230.2570, -77.0347, 21.6996**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3220, 52.0993, -3.7904**, and **43.0030, 75.9205, -37.7136** is the 20% darker color. If you saturate the color by 10%, you get **76.5930, 87.9547, -24.1991**, and if you desaturate by 10%, it is **121.1920, 65.9673, -18.5854**.

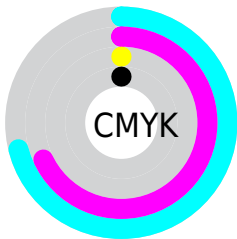
Distribution



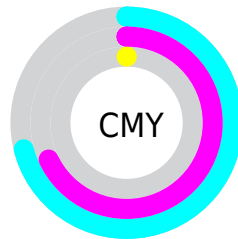
- Red (29%)
- Green (32%)
- Blue (100%)



- Red (29%)
- Yellow (32%)
- Blue (100%)



- Cyan (71%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (68%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.7430, 77.0347, -21.6996 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 98.7430, 77.0347, -21.6996 by changing the saturation by 10% instead.

■ 98.7430, 77.0347,
-21.6996

■ 98.7430, 77.0347,
-21.6996

255.0000, 0.0000,
0.0000

■ 63.1100, 80.3048,
-43.9465

■ 149.3220, 52.0993,
-3.7904

■ 43.0030, 75.9205,
-37.7136

■ 174.7390, 39.5687,
1.9829

■ 26.8970, 70.0568,
-23.5887

■ 200.1560, 27.0381,
7.7562

■ 16.0740, 61.5885,
-14.0969

■ 226.1600, 14.2181,
13.0147

■ 13.1100, 50.2318,
-11.4975

■ 246.7820, 4.0515,
7.2072

■ 17.7770, 35.1129,
-15.5904

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 98.7430, 77.0347,
-21.6996

■ 98.7430, 77.0347,
-21.6996

■ 76.5930, 87.9547,
-24.1991

■ 121.1920, 65.9673,
-18.5854

■ 54.7310, 98.7326,
-27.8281

■ 142.7550, 55.3368,
-15.5711

■ 34.9400, 108.4896,
-30.6424

■ 165.2040, 44.2694,
-12.4569

■ 186.7670, 33.6389,
-9.4427

■ 209.2160, 22.5715,
-6.3284

■ 230.7790, 11.9410,
-3.3142

■ 253.2280, 0.8736,
-0.2000

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



98.9230, 76.9460, -86.7555



98.7430, 77.0347, -21.6996



82.3570, 53.0680, 105.8039

Triad

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



98.7430, 77.0347, -21.6996



94.3890, -46.5338, 85.6048



92.7310, 7.5276, -81.3251

Complementary

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



98.7430, 77.0347, -21.6996



230.2570, -77.0347, 21.6996

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.



78.0710, -38.4890, -68.4683



98.7430, 77.0347, -21.6996



99.9070, -49.2542, 24.6376

Square

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



98.7430, 77.0347, -21.6996



72.8160, -23.5733, 141.3584



79.3550, -39.1220, -52.0543



103.0080, 44.3661, -90.3380

Rectangle

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



98.7430, 77.0347, -21.6996



85.7690, 24.7639, 130.8756



79.3550, -39.1220, -52.0543



88.6100, -5.7237, -77.7110

Sweetspot

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



98.7430, 77.0347, -21.6996



208.9170, 22.7189, -6.9432



199.8550, 22.7495, -110.3748



100.2350, 13.6881, -3.7141



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.



98.7430, 77.0347, -21.6996



68.0210, 92.1806, -26.3284



118.8530, 67.1205, 31.7009



116.4820, 5.6784, -1.2997



25.8830, 81.4027, -22.6994



8.4700, 27.3763, -7.4282

Inverse Universe

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



128.9170, -23.6231, 110.5748



103.9090, -28.0561, 132.5068



210.1470, -67.1205, -31.7009



118.8870, -1.9163, 7.9921



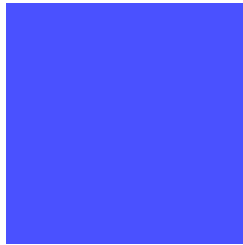
57.9070, -25.0972, 116.7226



19.3640, -8.5605, 39.1458

Previews

White Background



This preview shows how the YUV color 98.7430, 77.0347, -21.6996 looks on a white background.

Color Contrast Check

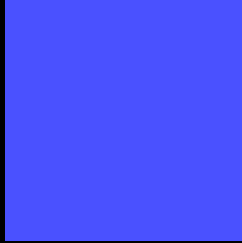
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.7430, 77.0347, -21.6996 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 98.7430, 77.0347, -21.6996

Background



This preview shows how black text looks on a background with the YUV color 98.7430, 77.0347, -21.6996.



This preview shows how white text looks on a background with the YUV color 98.7430, 77.0347,

-21.6996.

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

98.7430, 77.0347, -21.6996

Protanopia

84.3840, 64.3937, -74.0048

Tritanopia

82.9290, 20.7410, -72.7287

Trichromacy



Original Color

98.7430, 77.0347, -21.6996

Protanomaly

89.4710, 69.2808, -54.7871

Tritanomaly

88.7290, 41.0526, -54.1363

Monochromacy



Original Color

98.7430, 77.0347, -21.6996

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.6980, 28.2499, -7.6281

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.7430, 77.0347, -21.6996 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(74, 81, 255)` looks like.

```
.text, #text, p{  
    color:rgb(74, 81, 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(74, 81, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 81, 255) }
```

Border

The CSS property to change the border of an element to YUV 98.7430, 77.0347, -21.6996 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(74, 81, 255) }
```

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

```
.border{ border-color:rgb(74, 81, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 81, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 81, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 81, 255);  
box-shadow:4px 4px 4px 4px rgb(74, 81,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 98.7430, 77.0347, -21.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 81, 255) }
```

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

```
.background{ background-color: rgb(74, 81,  
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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