

Converting Colors

YUV(98.7740, 77.0194, 30.0162)

Have a look what the booklet for
YUV(98.7740, 77.0194, 30.0162)
contains.

YUV(98.7740, 77.0194, 30.0162)	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>	30

Color

**YUV(98.7740, 77.0194,
30.0162)**

Conversions

Conversions Part 1

Format	Color
Hex	8533FF
RGB	133, 51, 255
RGB Percent	52%, 20%, 100%
CMY	0.4784, 0.8000, 0.0000
CMYK	0.48, 0.80, 0.00, 0.00
HSL	264°, 100%, 60%
HSV	264°, 80%, 100%
XYZ	28.9067, 14.5742, 95.8973
YIQ	98.7740, -16.6120, 80.8280

Conversions

Conversions Part 2

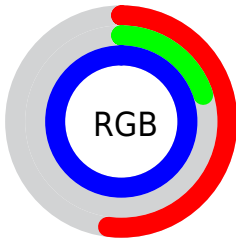
Format	Color
R _Y B	133, 51, 255
Decimal	8729599
CIE Lab	45.05, 73.12, -86.46
CIE LCh	45, 113.233, 310.221
Yxy	14.5742, 0.2074, 0.1046
Android (android.graphics.Color)	4286919679 (0xFF8533FF)
YUV	98.7740, 77.0194, 30.0162
Hunter-Lab	38.1762, 68.3505, -122.2112

Details

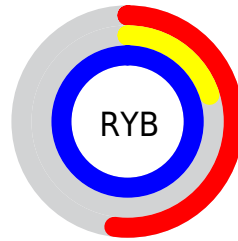
The YUV color **98.7740, 77.0194, 30.0162** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **207.2260, -77.0194, -30.0162**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7710, 51.3849, 38.7888**, and **41.8930, 76.4678, 20.2648** is the 20% darker color. If you saturate the color by 10%, you get **79.0270, 86.7547, 34.1793**, and if you desaturate by 10%, it is **118.5210, 67.2841, 25.8531**.

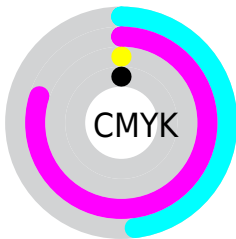
Distribution



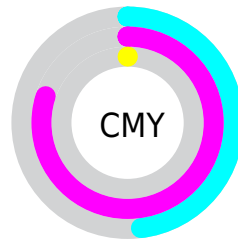
- Red (52%)
- Green (20%)
- Blue (100%)



- Red (52%)
- Yellow (20%)
- Blue (100%)



- Cyan (48%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.7740, 77.0194, 30.0162 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 98.7740, 77.0194, 30.0162 by changing the saturation by 10% instead.

■ 98.7740, 77.0194,
30.0162

■ 98.7740, 77.0194,
30.0162

■ 255.0000, 0.0000,
0.0000

■ 64.1810, 79.7768,
32.2903

■ 150.7710, 51.3849,
38.7888

■ 41.8930, 76.4678,
20.2648

■ 176.4760, 38.7123,
43.4325

■ 21.9570, 72.4922,
-11.3633

■ 201.5830, 26.3346,
46.8467

■ 16.0740, 61.5885,
-14.0969

■ 218.0190, 18.2316,
32.4323

■ 12.9960, 49.7950,
-11.3975

■ 235.0420, 9.8393,
17.5032

■ 13.6680, 37.1387,
-11.9868

■ 252.6520, 1.1576,

■ 11.4050, 25.9293,

2.0592

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 98.7740, 77.0194,
30.0162

■ 98.7740, 77.0194,
30.0162

■ 79.0270, 86.7547,
34.1793

■ 118.5210, 67.2841,
25.8531

■ 59.8670, 96.2006,
37.8276

■ 137.9800, 57.6909,
22.8195

■ 157.7270, 47.9556,
18.6564

■ 176.8870, 38.5097,
15.0081

■ 196.6340, 28.7744,
10.8450

■ 216.0930, 19.1812,
7.8114

■ 235.8400, 9.4459,
3.6483

■ 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.



94.8140, 78.9717, -83.1519



98.7740, 77.0194, 30.0162



89.6880, 41.0728, 126.5616

Triad

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



98.7740, 77.0194, 30.0162



98.1330, -48.3796, 70.9204



97.3250, 20.0528, -85.3540

Complementary

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



98.7740, 77.0194, 30.0162



207.2260, -77.0194, -30.0162

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.



83.5940, -24.9428, -73.3119



98.7740, 77.0194, 30.0162



97.1170, -47.8787, 3.4054

Square

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



98.7740, 77.0194, 30.0162



70.2650, -34.6406, 144.4726



76.3100, -37.6208, -66.9239



108.9870, 59.6594, -95.5816

Rectangle

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



98.7740, 77.0194, 30.0162



88.8990, 10.8958, 145.6706



76.3100, -37.6208, -66.9239



92.9760, 5.9278, -81.5400

Sweetspot

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



98.7740, 77.0194, 30.0162



208.1300, 23.1069, 8.6560



145.8700, 53.8011, -83.2010



99.4040, 14.0978, 4.9077



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.



98.7740, 77.0194, 30.0162



67.5310, 92.4222, 36.3683



129.2720, 61.9839, 92.7235



117.9770, 4.9413, 1.7742



44.7970, 72.0781, 28.2420



15.0700, 24.1225, 9.5856

Inverse Universe

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



125.9040, 23.2183, 113.2172



100.0130, 28.0946, 135.9236



176.7280, -61.9839, -92.7235



119.6850, 1.1413, 7.2923



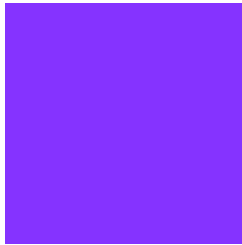
70.1050, 21.6402, 106.0249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 98.7740, 77.0194, 30.0162 looks on a white background.

Color Contrast Check

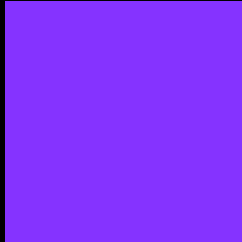
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.7740, 77.0194, 30.0162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

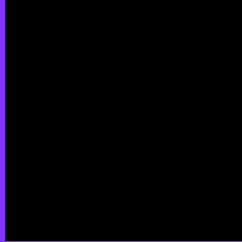
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 98.7740, 77.0194, 30.0162

Background



This preview shows how black text looks on a background with the YUV color 98.7740, 77.0194, 30.0162.



This preview shows how white text looks on a background with the YUV color 98.7740, 77.0194,

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

98.7740, 77.0194, 30.0162

Deuteranopia

85.0730, 49.2640, -74.6090

Tritanopia

105.3240, 5.2633, -8.1771

Trichromacy



Original Color

98.7740, 77.0194, 30.0162



Deuteranomaly

89.9480, 59.1856, -36.7884



Tritanomaly

102.6980, 31.7009, 5.5269

Monochromacy



Original Color

98.7740, 77.0194, 30.0162



Achromatopsia

99.0000, 0.0000, 0.0000



Achromatomaly

99.1070, 28.0482, 10.4302

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.7740, 77.0194, 30.0162 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(133, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 51, 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(133, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 51, 255) }
```

Border

The CSS property to change the border of an element to YUV 98.7740, 77.0194, 30.0162 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(133, 51, 255) }
```

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

```
.border{ border-color:rgb(133, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 51,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 98.7740, 77.0194, 30.0162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 51, 255) }
```

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

```
.background{ background-color: rgb(133, 51,  
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](#).

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