

Converting Colors

YUV(98.1540, 77.3251, 25.2979)

Have a look what the booklet for
YUV(98.1540, 77.3251, 25.2979)
contains.

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Color

**YUV(98.1540, 77.3251,
25.2979)**

Conversions

Conversions Part 1

Format	Color
Hex	7F35FF
RGB	127, 53, 255
RGB Percent	50%, 21%, 100%
CMY	0.5020, 0.7922, 0.0000
CMYK	0.50, 0.79, 0.00, 0.00
HSL	262°, 100%, 60%
HSV	262°, 79%, 100%
XYZ	28.0755, 14.2782, 95.8840
YIQ	98.1540, -20.7380, 78.5100

Conversions

Conversions Part 2

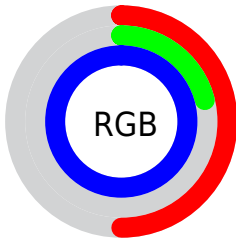
Format	Color
R_{YB}	127, 53, 255
Decimal	8336895
CIE _{Lab}	44.63, 71.66, -87.17
CIE _{LCh}	45, 112.841, 309.423
Yxy	14.2782, 0.2031, 0.1033
Android (android.graphics.Color)	4286526975 (0xFF7F35FF)
YUV	98.1540, 77.3251, 25.2979
Hunter-Lab	37.7865, 66.4995, -123.9987

Details

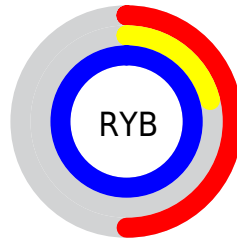
The YUV color **98.1540, 77.3251, 25.2979** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **209.8460, -77.3251, -25.2979**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.8630, 51.8325, 35.2001**, and **39.5010, 77.6470, 15.3466** is the 20% darker color. If you saturate the color by 10%, you get **78.1080, 87.2078, 28.8463**, and if you desaturate by 10%, it is **118.2000, 67.4424, 21.7496**.

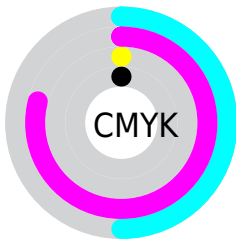
Distribution



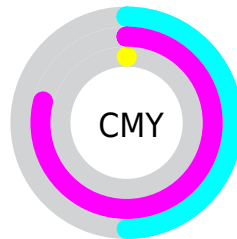
- Red (50%)
- Green (21%)
- Blue (100%)



- Red (50%)
- Yellow (21%)
- Blue (100%)



- Cyan (50%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (79%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.1540, 77.3251, 25.2979 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 98.1540, 77.3251, 25.2979 by changing the saturation by 10% instead.

98.1540, 77.3251,
25.2979

98.1540, 77.3251,
25.2979

255.0000, 0.0000,
0.0000

65.0230, 79.3617,
25.4128

149.8630, 51.8325,
35.2001

39.5010, 77.6470,
15.3466

174.9810, 39.4494,
40.3587

19.2660, 73.8189,
-16.8963

200.6860, 26.7768,
45.0024

16.0740, 61.5885,
-14.0969

218.6060, 17.9422,
31.9175

12.9960, 49.7950,
-11.3975

235.6290, 9.5499,
16.9884

15.4290, 36.2705,
-13.5312

252.6520, 1.1576,

11.4050, 25.9293,

2.0592

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 98.1540, 77.3251,
25.2979

■ 98.1540, 77.3251,
25.2979

■ 78.1080, 87.2078,
28.8463

■ 118.2000, 67.4424,
21.7496

■ 58.6490, 96.8010,
31.8798

■ 137.6590, 57.8491,
18.7161

■ 56.8770, 97.6746,
31.6799

■ 157.7050, 47.9664,
15.1677

■ 177.4630, 38.2257,
12.7489

■ 196.9220, 28.6325,
9.7154

■ 216.9680, 18.7498,
6.1671

■ 237.0140, 8.8671,
2.6187

■ 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



98.1540, 77.3251, 25.2979



88.6060, 42.0992, 124.0025

Triad

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



98.1540, 77.3251, 25.2979



96.3720, -47.5114, 72.4648



96.2820, 18.5950, -84.4393

Complementary

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



98.1540, 77.3251, 25.2979



209.8460, -77.3251, -25.2979

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.



82.4370, -26.8374, -72.2972



98.1540, 77.3251, 25.2979



96.2420, -47.4473, 5.0498

Square

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



98.1540, 77.3251, 25.2979



69.9660, -34.4932, 143.8578



75.1360, -37.0420, -65.8943



107.3570, 58.4910, -94.1521

Rectangle

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



98.1540, 77.3251, 25.2979



88.7140, 11.4800, 144.9558



75.1360, -37.0420, -65.8943



91.9330, 4.4700, -80.6252

Sweetspot

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



98.1540, 77.3251, 25.2979



207.5320, 23.4017, 7.4264



152.9250, 50.3230, -87.6342



99.1050, 14.2452, 4.2929



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.



98.1540, 77.3251, 25.2979



66.9000, 92.7333, 29.9057



127.4560, 62.8792, 85.5461



117.6780, 5.0887, 1.1594



42.7040, 73.1099, 23.9386



14.1730, 24.5647, 7.7413

Inverse Universe

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



127.9900, 26.1339, 111.3878



102.8000, 31.1576, 133.4794



180.5440, -62.8792, -85.5461



119.7990, 1.5781, 7.1923



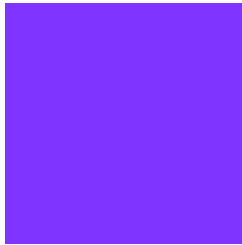
70.9030, 24.6978, 105.3251



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 98.1540, 77.3251, 25.2979 looks on a white background.

Color Contrast Check

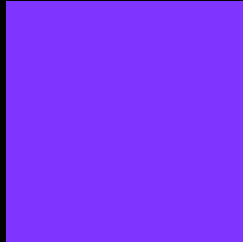
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.1540, 77.3251, 25.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

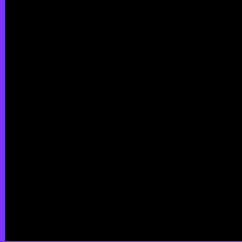
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.1540, 77.3251, 25.2979

Background



This preview shows how black text looks on a background with the YUV color 98.1540, 77.3251, 25.2979.



This preview shows how white text looks on a background with the YUV color 98.1540, 77.3251,

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

98.1540, 77.3251, 25.2979

Protanopia

84.2700, 63.9569, -73.9048

Deuteranopia

84.2580, 48.6798, -73.8943



Tritanopia

102.7470, 7.0267, -13.8101

Trichromacy



Original Color

98.1540, 77.3251, 25.2979



Protanomaly

89.1680, 68.9372, -37.8583



Deuteranomaly

89.2360, 59.0437, -37.9180



Tritanomaly

101.1920, 32.4433, 0.7086

Monochromacy



Original Color

98.1540, 77.3251, 25.2979



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

98.3950, 27.9063, 9.3006

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.1540, 77.3251, 25.2979 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(127, 53, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 53, 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(127, 53, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 53, 255) }
```

Border

The CSS property to change the border of an element to YUV 98.1540, 77.3251, 25.2979 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(127, 53, 255) }
```


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

```
.border{ border-color:rgb(127, 53, 255) }
```

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

Here you see how a box with a 4 pixel rgb(127, 53, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 53, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 53, 255);  
box-shadow:4px 4px 4px 4px rgb(127, 53,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 98.1540, 77.3251, 25.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 53, 255) }
```

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

```
.background{ background-color: rgb(127, 53,  
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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