

Converting Colors

YUV(85.0150, 78.3796, 60.4998)

Have a look what the booklet for
YUV(85.0150, 78.3796, 60.4998)
contains.

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Color

**YUV(85.0150, 78.3796,
60.4998)**

Conversions

Conversions Part 1

Format	Color
Hex	9A13F4
RGB	154, 19, 244
RGB Percent	60%, 7%, 96%
CMY	0.3961, 0.9255, 0.0431
CMYK	0.37, 0.92, 0.00, 0.04
HSL	276°, 91%, 52%
HSV	276°, 92%, 96%
XYZ	29.8884, 13.8674, 86.6893
YIQ	85.0150, 8.2350, 98.5950

Conversions

Conversions Part 2

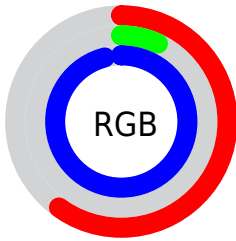
Format	Color
R_{YB}	154, 19, 244
Decimal	10097652
CIE _{Lab}	44.04, 81.21, -81.85
CIE _{LCh}	44, 115.297, 314.776
Yxy	13.8674, 0.2291, 0.1063
Android (android.graphics.Color)	4288287732 (0xFF9A13F4)
YUV	85.0150, 78.3796, 60.4998
Hunter-Lab	37.2390, 78.0979, -111.9550

Details

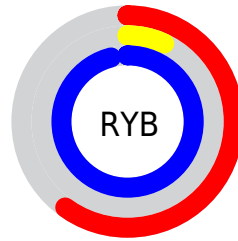
The YUV color **85.0150, 78.3796, 60.4998** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **177.9850, -78.3796, -60.4998**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3590, 53.0670, 59.3212**, and **48.7120, 67.6830, 37.9636** is the 20% darker color. If you saturate the color by 10%, you get **71.4700, 85.0573, 65.3628**, and if you desaturate by 10%, it is **102.0930, 69.9602, 54.2924**.

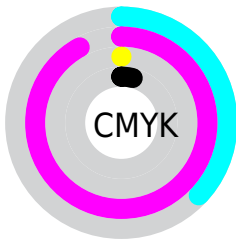
Distribution



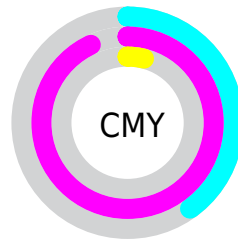
- Red (60%)
- Green (7%)
- Blue (96%)



- Red (60%)
- Yellow (7%)
- Blue (96%)



- Cyan (37%)
- Magenta (92%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (93%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.0150, 78.3796, 60.4998 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 85.0150, 78.3796, 60.4998 by changing the saturation by 10% instead.

85.0150, 78.3796,
60.4998

85.0150, 78.3796,
60.4998

255.0000, 0.0000,
0.0000

61.2870, 75.7805,
54.1223

147.3590, 53.0670,
59.3212

48.7120, 67.6830,
37.9636

173.6510, 40.1051,
63.4501

35.3540, 60.4645,
19.8605

193.3650, 30.3861,
54.0539

17.0270, 56.1887,
-8.7937

210.3880, 21.9937,
39.1247

11.9700, 45.8638,
-10.4977

227.9980, 13.3120,
23.6808

9.7070, 34.6544,
-8.5130

245.0210, 4.9196,

9.3190, 23.0137,

8.7516

-8.1728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 85.0150, 78.3796,
60.4998

■ 85.0150, 78.3796,
60.4998

■ 71.4700, 85.0573,
65.3628

■ 102.0930, 69.9602,
54.2924

■ 119.7580, 61.2513,
47.5702

■ 136.5370, 52.9793,
40.7481

■ 154.2020, 44.2704,
34.0258

■ 171.2800, 35.8510,
27.8184

■ 188.3580, 27.4315,
21.6110

■ 205.7240, 18.8701,
14.2741

■ 222.8020, 10.4506,
8.0666

■ 240.4670, 1.7418,
1.3444

Harmonies

Analogous

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



90.7050, 80.9974, -79.5483



85.0150, 78.3796, 60.4998



89.6580, 33.1996, 131.8499

Triad

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



85.0150, 78.3796, 60.4998



97.1810, -47.9102, 60.3543



97.6330, 26.3099, -85.6241

Complementary

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



85.0150, 78.3796, 60.4998



177.9850, -78.3796, -60.4998

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.



84.1300, -17.8121, -73.7820



85.0150, 78.3796, 60.4998



92.0230, -45.3673, -8.7902

Square

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



85.0150, 78.3796, 60.4998



67.5740, -33.3140, 138.9396



75.7230, -37.3314, -66.4091



108.4800, 65.3324, -95.1370

Rectangle

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



85.0150, 78.3796, 60.4998



86.9610, 3.4702, 147.3702



75.7230, -37.3314, -66.4091



93.2840, 12.1850, -81.8101

Sweetspot

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



85.0150, 78.3796, 60.4998



204.6520, 24.8216, 18.7222



97.4800, 72.2344, -68.8270



96.7900, 15.3865, 11.5852



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.



85.0150, 78.3796, 60.4998



74.8170, 88.8302, 68.5665



109.4170, 55.5034, 118.0293



113.7600, 4.0623, 3.7185



54.6920, 64.7348, 50.2591



17.1910, 20.6118, 15.6185

Inverse Universe

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



96.5350, 6.1452, 129.3268



87.8730, 6.9646, 146.5704



153.5830, -55.5034, -118.0293



114.1580, 0.4151, 6.8774



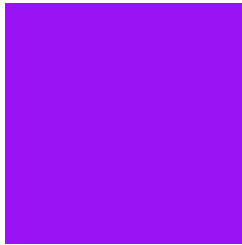
64.0500, 4.9054, 106.9502



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 85.0150, 78.3796, 60.4998 looks on a white background.

Color Contrast Check

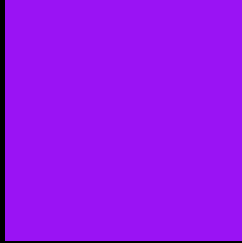
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.0150, 78.3796, 60.4998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

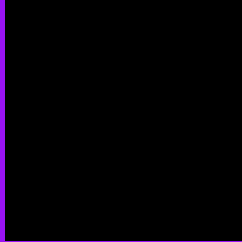
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.0150, 78.3796, 60.4998

Background



This preview shows how black text looks on a background with the YUV color 85.0150, 78.3796, 60.4998.



This preview shows how white text looks on a background with the YUV color 85.0150, 78.3796,

60.4998.

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

85.0150, 78.3796, 60.4998

Protanopia

83.5690, 63.8095, -73.2900

Deuteranopia

84.2580, 48.6798, -73.8943



Tritanopia

105.8820, -0.9278, 17.6435

Trichromacy



Original Color

85.0150, 78.3796, 60.4998

Protanomaly

83.9570, 69.0412, -24.5183

Deuteranomaly

84.7260, 59.2951, -25.1927

Tritanomaly

98.2500, 27.9778, 33.1067

Monochromacy



Original Color

85.0150, 78.3796, 60.4998

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9990, 28.5945, 21.9259

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0150, 78.3796, 60.4998 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(154, 19, 244)` looks like.

```
.text, #text, p{  
    color:rgb(154, 19, 244)  
}
```

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(154, 19, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 19, 244) }
```

Border

The CSS property to change the border of an element to YUV 85.0150, 78.3796, 60.4998 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(154, 19, 244) }
```


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

```
.border{ border-color:rgb(154, 19, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 19, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 19, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 19, 244);  
box-shadow:4px 4px 4px 4px rgb(154, 19,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 85.0150, 78.3796, 60.4998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 19, 244) }
```

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

```
.background{ background-color: rgb(154, 19,  
244) }
```

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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