

Converting Colors

YUV(86.1880, 79.2803, 51.5781)

Have a look what the booklet for
YUV(86.1880, 79.2803, 51.5781)
contains.

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Color

**YUV(86.1880, 79.2803,
51.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	9119F7
RGB	145, 25, 247
RGB Percent	57%, 10%, 97%
CMY	0.4314, 0.9020, 0.0314
CMYK	0.41, 0.90, 0.00, 0.03
HSL	272°, 93%, 53%
HSV	272°, 90%, 97%
XYZ	28.8132, 13.4304, 89.0694
YIQ	86.1880, 0.2580, 94.4820

Conversions

Conversions Part 2

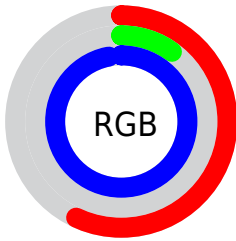
Format	Color
R _{YB}	145, 25, 247
Decimal	9509367
CIE _{Lab}	43.40, 79.83, -84.63
CIE _{LCh}	43, 116.336, 313.329
Yxy	13.4304, 0.2194, 0.1023
Android (android.graphics.Color)	4287699447 (0xFF9119F7)
YUV	86.1880, 79.2803, 51.5781
Hunter-Lab	36.6475, 76.2080, -118.4472

Details

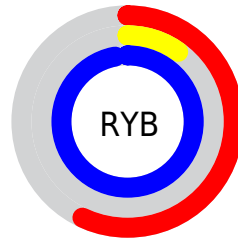
The YUV color **86.1880, 79.2803, 51.5781** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **185.8120, -79.2803, -51.5781**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.5540, 53.9569, 53.8881**, and **45.7650, 70.6149, 30.9011** is the 20% darker color. If you saturate the color by 10%, you get **68.2240, 88.1366, 57.6856**, and if you desaturate by 10%, it is **104.1520, 70.4241, 45.4707**.

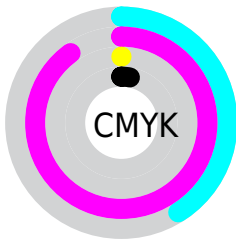
Distribution



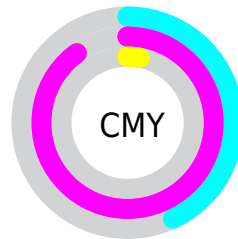
- Red (57%)
- Green (10%)
- Blue (97%)



- Red (57%)
- Yellow (10%)
- Blue (97%)



- Cyan (41%)
- Magenta (90%)
- Yellow (0%)
- Black (3%)



- Cyan (43%)
- Magenta (90%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.1880, 79.2803, 51.5781 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 86.1880, 79.2803, 51.5781 by changing the saturation by 10% instead.

86.1880, 79.2803,
51.5781

86.1880, 79.2803,
51.5781

255.0000, 0.0000,
0.0000

58.9380, 78.4176,
48.2894

145.5540, 53.9569,
53.8881

45.7650, 70.6149,
30.9011

171.8460, 40.9949,
58.0171

31.2110, 63.9860,
10.3390

193.9520, 30.0967,
53.5391

15.2760, 58.5309,
-13.3971

210.9750, 21.7043,
38.6099

12.1980, 46.7374,
-10.6976

227.9980, 13.3120,
23.6808

11.6960, 34.6599,
-10.2574

245.0210, 4.9196,

9.5470, 23.8873,

8.7516

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 86.1880, 79.2803,
51.5781

■ 86.1880, 79.2803,
51.5781

■ 68.2240, 88.1366,
57.6856

■ 104.1520, 70.4241,
45.4707

■ 121.8280, 61.7098,
40.4928

■ 139.7920, 52.8535,
34.3854

■ 157.7560, 43.9973,
28.2780

■ 175.4320, 35.2830,
23.3001

■ 193.3960, 26.4268,
17.1927

■ 211.3600, 17.5705,
11.0853

■ 229.6230, 8.5669,
5.5926

■ 247.0000, 0.0000,
0.0000

Harmonies

Analogous

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



90.7050, 80.9974, -79.5483



86.1880, 79.2803, 51.5781



89.1030, 34.9522, 129.7057

Triad

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



86.1880, 79.2803, 51.5781



95.4310, -47.0475, 63.6430



95.7750, 24.2679, -83.9947

Complementary

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



86.1880, 79.2803, 51.5781



185.8120, -79.2803, -51.5781

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.



82.0440, -20.7277, -71.9526



86.1880, 79.2803, 51.5781



91.1590, -44.9414, -5.4014

Square

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



86.1880, 79.2803, 51.5781



67.8730, -33.4614, 139.5544



74.5490, -36.7527, -65.3795



107.4370, 63.8746, -94.2222

Rectangle

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



86.1880, 79.2803, 51.5781



87.3030, 4.7806, 147.0703



74.5490, -36.7527, -65.3795



91.4260, 10.1430, -80.1806

Sweetspot

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



86.1880, 79.2803, 51.5781



204.9290, 24.6850, 15.8483



111.3560, 66.8725, -75.7342



98.2520, 14.6658, 9.4260



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.



86.1880, 79.2803, 51.5781



70.3320, 91.0413, 59.3448



115.8880, 61.1872, 114.9852



113.4610, 4.2097, 3.1037



51.4030, 66.3563, 43.4966



16.2940, 21.0541, 13.7742

Inverse Universe

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



103.0060, 11.8290, 126.2827



89.5830, 13.5166, 145.0707



156.1120, -61.1872, -114.9852



114.2720, 0.8519, 6.7775



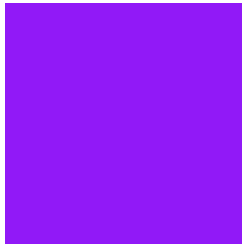
65.4180, 10.1469, 105.7504



20.7190, 3.0965, 33.5724

Previews

White Background



This preview shows how the YUV color 86.1880, 79.2803, 51.5781 looks on a white background.

Color Contrast Check

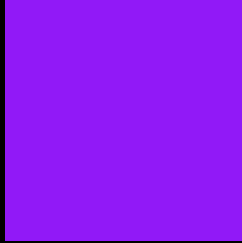
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.1880, 79.2803, 51.5781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

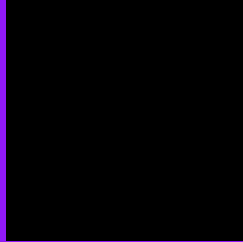
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.1880, 79.2803, 51.5781

Background



This preview shows how black text looks on a background with the YUV color 86.1880, 79.2803, 51.5781.



This preview shows how white text looks on a background with the YUV color 86.1880, 79.2803,

51.5781.

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

86.1880, 79.2803, 51.5781

Protanopia

81.9390, 62.6411, -71.8605

Deuteranopia

82.7420, 47.9482, -72.5647



Tritanopia

103.6960, 1.1359, 9.0366

Trichromacy



Original Color

86.1880, 79.2803, 51.5781

Protanomaly

83.5330, 68.7572, -26.7774

Deuteranomaly

84.3020, 59.0111, -27.4519

Tritanomaly

96.9500, 29.6047, 24.5999

Monochromacy



Original Color

86.1880, 79.2803, 51.5781

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0910, 29.0421, 18.3372

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.1880, 79.2803, 51.5781 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(145, 25, 247)` looks like.

```
.text, #text, p{  
    color:rgb(145, 25, 247)  
}
```

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(145, 25, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 25, 247) }
```

Border

The CSS property to change the border of an element to YUV 86.1880, 79.2803, 51.5781 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(145, 25, 247) }
```


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

```
.border{ border-color:rgb(145, 25, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 25, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 25, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 25, 247);  
box-shadow:4px 4px 4px 4px rgb(145, 25,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 86.1880, 79.2803, 51.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 25, 247) }
```

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

```
.background{ background-color: rgb(145, 25,  
247) }
```

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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