

Converting Colors

YUV(119.0840, 56.6536,
28.8673)

Have a look what the booklet for
YUV(119.0840, 56.6536, 28.8673)
contains.

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Color

**YUV(119.0840, 56.6536,
28.8673)**

Conversions

Conversions Part 1

Format	Color
Hex	9850EA
RGB	152, 80, 234
RGB Percent	60%, 31%, 92%
CMY	0.4039, 0.6863, 0.0824
CMYK	0.35, 0.66, 0.00, 0.08
HSL	268°, 79%, 62%
HSV	268°, 66%, 92%
XYZ	30.6688, 18.3532, 79.7680
YIQ	119.0840, -6.5220, 63.1580

Conversions

Conversions Part 2

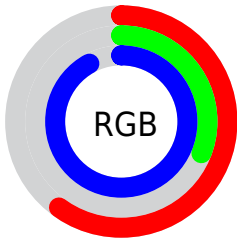
Format	Color
R_{YB}	152, 80, 234
Decimal	9982186
CIE _{Lab}	49.92, 58.80, -66.64
CIE _{LCh}	50, 88.870, 311.424
Yxy	18.3532, 0.2381, 0.1425
Android (android.graphics.Color)	4288172266 (0xFF9850EA)
YUV	119.0840, 56.6536, 28.8673
Hunter-Lab	42.8407, 52.8136, -80.4077

Details

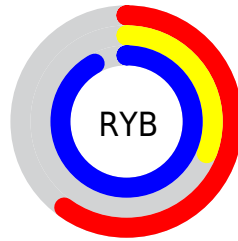
The YUV color **119.0840, 56.6536, 28.8673** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **194.9160, -56.6536, -28.8673**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2300, 41.7916, 35.7553**, and **62.3720, 56.5116, 27.7378** is the 20% darker color. If you saturate the color by 10%, you get **101.9950, 65.0785, 33.3304**, and if you desaturate by 10%, it is **136.1730, 48.2287, 24.4043**.

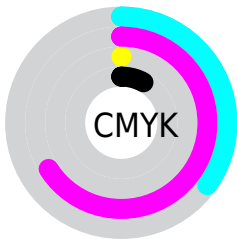
Distribution



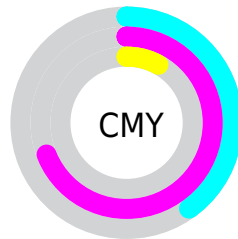
- Red (60%)
- Green (31%)
- Blue (92%)



- Red (60%)
- Yellow (31%)
- Blue (92%)



- Cyan (35%)
- Magenta (66%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (69%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.0840, 56.6536, 28.8673 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 119.0840, 56.6536, 28.8673 by changing the saturation by 10% instead.

■ 119.0840, 56.6536,
28.8673

■ 119.0840, 56.6536,
28.8673

■ 255.0000, 0.0000,
0.0000

■ 91.2580, 56.0748,
27.8377

■ 170.2300, 41.7916,
35.7553

■ 62.3720, 56.5116,
27.7378

■ 195.6360, 29.2665,
39.7842

■ 35.9370, 56.2331,
23.7343

■ 216.2580, 19.0998,
33.9767

■ 22.3940, 49.5988,
4.9165

■ 232.6940, 10.9969,
19.5624

■ 11.0580, 42.3694,
-9.6979

■ 249.7170, 2.6045,
4.6332

■ 8.2080, 31.4495,
-7.1984

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 119.0840, 56.6536,
28.8673

■ 119.0840, 56.6536,
28.8673

■ 101.9950, 65.0785,
33.3304

■ 136.1730, 48.2287,
24.4043

■ 84.0200, 73.9401,
37.6935

■ 154.1480, 39.3670,
20.0412

■ 66.9310, 82.3650,
42.1565

■ 171.2370, 30.9422,
15.5782

■ 59.2670, 86.1434,
43.6158

■ 189.2120, 22.0805,
11.2151

■ 206.3010, 13.6556,
6.7520

■ 223.6890, 5.0833,
2.9037

■ 241.3650, -3.6309,
-2.0741

■ 251.7090, -8.7305,
0.2552

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



99.5100, 76.6566, -87.2703



119.0840, 56.6536, 28.8673



86.5410, 40.6523, 121.4285

Triad

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



119.0840, 56.6536, 28.8673



111.3570, -54.8990, 61.9539



104.2210, 21.0900, -91.4018

Complementary

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



119.0840, 56.6536, 28.8673



194.9160, -56.6536, -28.8673

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.



93.3400, -12.9856, -81.8592



119.0840, 56.6536, 28.8673



108.9560, -53.7153, 8.8086

Square

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



119.0840, 56.6536, 28.8673



96.5850, -40.2214, 114.3740



82.1800, -40.5147, -72.0719



111.8420, 52.8289, -98.0854

Rectangle

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



119.0840, 56.6536, 28.8673



86.5220, 16.0117, 138.1082



82.1800, -40.5147, -72.0719



100.5560, 9.5859, -88.1876

Sweetspot

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



119.0840, 56.6536, 28.8673



216.9900, 18.7389, 9.6558



145.6900, 43.5368, -57.6101



104.7200, 11.4770, 5.5076



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.



119.0840, 56.6536, 28.8673



105.0200, 73.9401, 37.6935



142.1070, 45.3032, 76.2052



108.7490, 4.0677, 1.9741



46.0490, 66.5308, 34.1600



13.6310, 19.9019, 9.9706

Inverse Universe

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



135.3940, 13.1168, 86.4775



126.2970, 17.1086, 112.8725



171.8930, -45.3032, -76.2052



109.9730, 0.9993, 6.1627



65.0630, 15.2519, 101.6767



19.4520, 4.7072, 30.2986

Previews

White Background



This preview shows how the YUV color 119.0840, 56.6536, 28.8673 looks on a white background.

Color Contrast Check

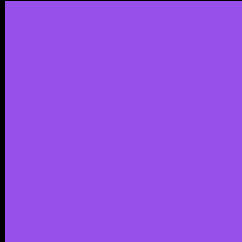
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.0840, 56.6536, 28.8673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

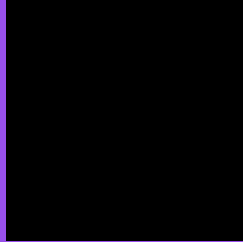
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.0840, 56.6536, 28.8673

Background



This preview shows how black text looks on a background with the YUV color 119.0840, 56.6536, 28.8673.



This preview shows how white text looks on a background with the YUV color 119.0840, 56.6536, 28.8673.

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

119.0840, 56.6536, 28.8673

Protanopia

94.6200, 73.1513, -82.9817

Deuteranopia

95.1950, 57.5849, -83.4860



Tritanopia

119.8100, 1.5727, 8.9366

Trichromacy



Original Color

119.0840, 56.6536, 28.8673



Protanomaly

103.6790, 67.2063, -42.6915



Deuteranomaly

103.7470, 57.3127, -42.7511



Tritanomaly

119.7180, 21.3380, 16.0333

Monochromacy



Original Color

119.0840, 56.6536, 28.8673



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

119.1580, 20.6281, 10.3854

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0840, 56.6536, 28.8673 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(152, 80, 234)` looks like.

```
.text, #text, p{  
    color:rgb(152, 80, 234)  
}
```

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(152, 80, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 80, 234) }
```

Border

The CSS property to change the border of an element to YUV 119.0840, 56.6536, 28.8673 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(152, 80, 234) }
```


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

```
.border{ border-color:rgb(152, 80, 234) }
```

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

Here you see how a box with a 4 pixel rgb(152, 80, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 80, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 80, 234);  
box-shadow:4px 4px 4px 4px rgb(152, 80,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 119.0840, 56.6536, 28.8673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 80, 234) }
```

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

```
.background{ background-color: rgb(152, 80,  
234) }
```

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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