

Converting Colors

YUV(128.1650, 57.1067,
23.5343)

Have a look what the booklet for
YUV(128.1650, 57.1067, 23.5343)
contains.

YUV(128.1650, 57.1067, 23.5343)	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>	31

Color

**YUV(128.1650, 57.1067,
23.5343)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5CF4
RGB	155, 92, 244
RGB Percent	61%, 36%, 96%
CMY	0.3922, 0.6392, 0.0431
CMYK	0.36, 0.62, 0.00, 0.04
HSL	265°, 87%, 66%
HSV	265°, 62%, 96%
XYZ	33.6738, 21.1545, 87.8964
YIQ	128.1650, -11.2440, 60.6280

Conversions

Conversions Part 2

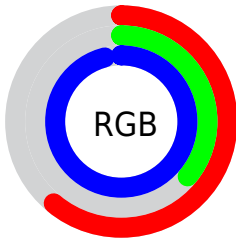
Format	Color
R _{YB}	155, 92, 244
Decimal	10181876
CIE Lab	53.12, 55.87, -67.05
CIE LCh	53, 87.282, 309.804
Yxy	21.1545, 0.2359, 0.1482
Android (android.graphics.Color)	4288371956 (0xFF9B5CF4)
YUV	128.1650, 57.1067, 23.5343
Hunter-Lab	45.9940, 50.1966, -81.1097

Details

The YUV color **128.1650, 57.1067, 23.5343** 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 **207.8350, -57.1067, -23.5343**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1710, 37.8767, 31.4220**, and **73.8010, 55.8071, 20.3455** is the 20% darker color. If you saturate the color by 10%, you get **109.8910, 66.1157, 27.2826**, and if you desaturate by 10%, it is **146.4390, 48.0976, 19.7860**.

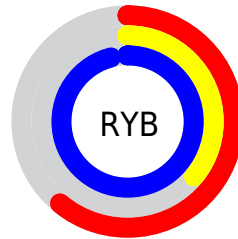
Distribution



Red (61%)

Green (36%)

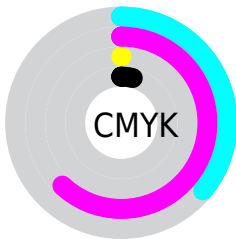
Blue (96%)



Red (61%)

Yellow (36%)

Blue (96%)

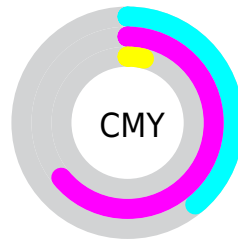


Cyan (36%)

Magenta (62%)

Yellow (0%)

Black (4%)



Cyan (39%)

Magenta (64%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.1650, 57.1067, 23.5343 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 128.1650, 57.1067, 23.5343 by changing the saturation by 10% instead.

■ 128.1650, 57.1067,
23.5343

■ 128.1650, 57.1067,
23.5343

255.0000, 0.0000,
0.0000

■ 100.9260, 56.2385,
21.9899

■ 178.1710, 37.8767,
31.4220

■ 73.8010, 55.8071,
20.3455

■ 203.5770, 25.3515,
35.4510

■ 42.5560, 57.4069,
20.5604

■ 223.3020, 15.6271,
27.7991

■ 24.0180, 53.2351,
5.2462

■ 239.7380, 7.5242,
13.3848

■ 12.0840, 46.3006,
-10.5977

■ 9.2340, 35.3806,
-8.0982

■ 9.4330, 23.4505,

-8.2727

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 128.1650, 57.1067,
23.5343

■ 128.1650, 57.1067,
23.5343

■ 109.8910, 66.1157,
27.2826

■ 146.4390, 48.0976,
19.7860

■ 90.7310, 75.5616,
30.9309

■ 165.5990, 38.6517,
16.1377

■ 72.4570, 84.5707,
34.6792

■ 183.8730, 29.6426,
12.3894

■ 58.0150, 91.6906,
37.6978

■ 202.7340, 20.3441,
8.1263

■ 221.0080, 11.3351,
4.3780

■ 239.5810, 2.1786,
1.2445

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



104.7930, 74.0521, -91.9035



128.1650, 57.1067, 23.5343



106.0250, 36.4697, 109.6031

Triad

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



128.1650, 57.1067, 23.5343



118.4670, -58.4042, 66.2424



109.9600, 20.2327, -96.4349

Complementary

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



128.1650, 57.1067, 23.5343



207.8350, -57.1067, -23.5343

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.



99.0790, -13.8429, -86.8923



128.1650, 57.1067, 23.5343



116.9520, -57.6573, 13.1971

Square

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



128.1650, 57.1067, 23.5343



107.5680, -37.7480, 114.3889



95.8570, -47.2575, -56.0026



117.4670, 51.5348, -103.0186

Rectangle

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



128.1650, 57.1067, 23.5343



89.9830, 20.2214, 141.2119



95.8570, -47.2575, -56.0026



106.2950, 8.7286, -93.2207

Sweetspot

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



128.1650, 57.1067, 23.5343



218.4520, 18.0182, 7.4966



162.7450, 40.0587, -62.0434



105.0080, 11.3351, 4.3780



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.



128.1650, 57.1067, 23.5343



109.3950, 71.7833, 29.4716



150.2910, 46.1985, 69.0278



112.8630, 4.5045, 1.8741



44.2270, 69.8941, 28.7419



13.9020, 22.2333, 8.8559

Inverse Universe

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



147.5940, 16.4692, 84.5481



133.8770, 20.7666, 106.2249



185.7090, -46.1985, -69.0278



114.3860, 1.2887, 6.6775



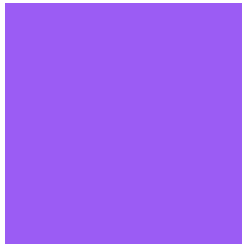
68.0400, 20.1933, 103.4509



21.5170, 6.1541, 32.8726

Previews

White Background



This preview shows how the YUV color 128.1650, 57.1067, 23.5343 looks on a white background.

Color Contrast Check

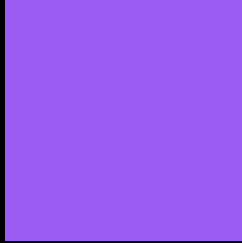
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 128.1650, 57.1067, 23.5343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

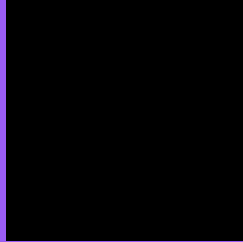
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.1650, 57.1067, 23.5343

Background



This preview shows how black text looks on a background with the YUV color 128.1650, 57.1067, 23.5343.



This preview shows how white text looks on a background with the YUV color 128.1650, 57.1067, 23.5343.

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

128.1650, 57.1067, 23.5343

Protanopia

109.9530, 71.5082, -69.2418

Deuteranopia

101.6010, 61.8217, -89.1041



Tritanopia

127.5320, 3.1887, 3.9184

Trichromacy



Original Color

128.1650, 57.1067, 23.5343



Protanomaly

116.4950, 66.3110, -35.5141



Deuteranomaly

111.3980, 59.9498, -48.5840



Tritanomaly

127.4400, 22.9541, 11.0151

Monochromacy



Original Color

128.1650, 57.1067, 23.5343



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

128.1470, 20.6335, 8.6411

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.1650, 57.1067, 23.5343 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(155, 92, 244)` looks like.

```
.text, #text, p{  
    color:rgb(155, 92, 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(155, 92, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 92, 244) }
```

Border

The CSS property to change the border of an element to YUV 128.1650, 57.1067, 23.5343 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(155, 92, 244) }
```


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

```
.border{ border-color:rgb(155, 92, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 92, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 92, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 92, 244);  
box-shadow:4px 4px 4px 4px rgb(155, 92,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 128.1650, 57.1067, 23.5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 92, 244) }
```

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

```
.background{ background-color: rgb(155, 92,  
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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