

Converting Colors

YUV(128.7000, 39.0949,
60.7761)

Have a look what the booklet for
YUV(128.7000, 39.0949, 60.7761)
contains.

| | |
|--|----|
| YUV(128.7000, 39.0949, 60.7761) | 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(128.7000, 39.0949,
60.7761)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C64ED0 |
| RGB | 198, 78, 208 |
| RGB Percent | 78%, 31%, 82% |
| CMY | 0.2235, 0.6941, 0.1843 |
| CMYK | 0.05, 0.62, 0.00, 0.18 |
| HSL | 295°, 58%, 56% |
| HSV | 295°, 62%, 82% |
| XYZ | 37.3983, 22.0086, 61.9515 |
| YIQ | 128.7000, 29.7900, 65.8700 |

Conversions

Conversions Part 2

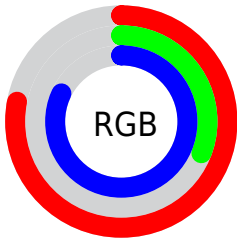
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 198, 78, 208 |
| Decimal | 12996304 |
| CIE _{Lab} | 54.04, 64.51, -44.98 |
| CIE _{LCh} | 54, 78.639, 325.116 |
| Yxy | 22.0086, 0.3082, 0.1814 |
| Android (android.graphics.Color) | 4291186384 (0xFFC64ED0) |
| YUV | 128.7000, 39.0949, 60.7761 |
| Hunter-Lab | 46.9133, 60.1979, -45.4562 |

Details

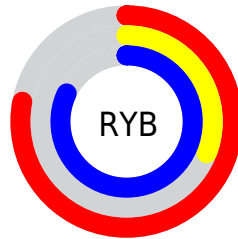
The YUV color **128.7000, 39.0949, 60.7761** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **157.3000, -39.0949, -60.7761**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9730, 35.0163, 62.2907**, and **61.9490, 44.8881, 69.3277** is the 20% darker color. If you saturate the color by 10%, you get **115.7750, 45.4669, 70.3573**, and if you desaturate by 10%, it is **141.6250, 32.7229, 51.1949**.

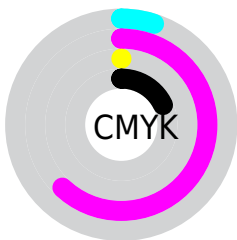
Distribution



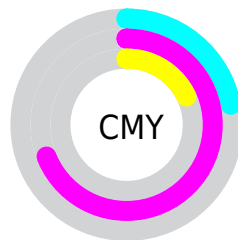
- Red (78%)
- Green (31%)
- Blue (82%)



- Red (78%)
- Yellow (31%)
- Blue (82%)



- Cyan (5%)
- Magenta (62%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (69%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.7000, 39.0949, 60.7761 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 128.7000, 39.0949, 60.7761 by changing the saturation by 10% instead.

128.7000, 39.0949,
60.7761

128.7000, 39.0949,
60.7761

255.0000, 0.0000,
0.0000

99.2270, 39.8211,
61.1909

183.9730, 35.0163,
62.2907

61.9490, 44.8881,
69.3277

200.9960, 26.6240,
47.3615

48.1510, 38.3796,
56.8726

217.4320, 18.5210,
32.9471

36.9290, 31.5870,
42.1583

234.4550, 10.1287,
18.0180

26.3050, 24.4996,
28.6735

252.0650, 1.4470,
2.5740

15.6100, 18.4333,
14.3740

4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 128.7000, 39.0949,
60.7761

■ 128.7000, 39.0949,
60.7761

■ 115.7750, 45.4669,
70.3573

■ 141.6250, 32.7229,
51.1949

■ 103.1490, 51.6915,
80.5533

■ 154.2510, 26.4983,
40.9989

■ 90.8110, 57.7742,
89.6198

■ 166.5890, 20.4156,
31.9324

■ 81.1200, 62.5518,
97.2418

■ 179.2150, 14.1910,
21.7364

■ 192.1400, 7.8190,
12.1552

■ 205.0650, 1.4470,
2.5740

■ 217.6910, -4.7777,
-7.6220

■ 230.0290,
-10.8603, -16.6884

■ 236.7850,
-14.1910, -21.7364

Harmonies

Analogous

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



124.8550, 63.6685, -27.9368



128.7000, 39.0949, 60.7761



110.6670, 15.9402, 114.3020

Triad

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



128.7000, 39.0949, 60.7761



121.8350, -60.0647, 38.7327



113.8360, 35.0839, -99.8342

Complementary

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



128.7000, 39.0949, 60.7761



157.3000, -39.0949, -60.7761

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.



105.3830, 5.2342, -92.4209



128.7000, 39.0949, 60.7761



113.5530, -55.9816, -11.0090

Square

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



128.7000, 39.0949, 60.7761



118.2890, -58.3165, 84.8155



94.5990, -25.9313, -82.9633



117.8720, 60.7021, -103.3737

Rectangle

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



128.7000, 39.0949, 60.7761



108.2060, -5.0316, 120.8453



94.5990, -25.9313, -82.9633



111.3280, 25.4743, -97.6347

Sweetspot

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



128.7000, 39.0949, 60.7761



225.6280, 14.4804, 22.2512



99.2770, 53.6004, -18.6599



109.4930, 9.1240, 13.5996



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.



128.7000, 39.0949, 60.7761



138.3980, 57.4848, 89.1050



125.5340, 14.0337, 72.3227



98.2440, 3.3307, 5.0480



65.4970, 50.5340, 78.4941



16.0360, 12.3073, 19.2624

Inverse Universe

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



118.0100, -14.7949, 78.9212



122.7050, -22.0396, 116.0227



160.4660, -14.0337, -72.3227



97.4030, -1.1847, 6.6626



51.7140, -19.0860, 101.9828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 128.7000, 39.0949, 60.7761 looks on a white background.

Color Contrast Check

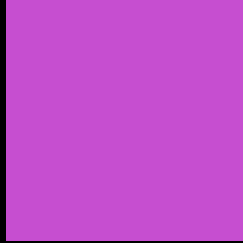
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.7000, 39.0949, 60.7761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

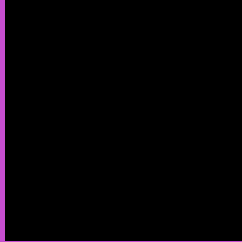
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.7000, 39.0949, 60.7761

Background



This preview shows how black text looks on a background with the YUV color 128.7000, 39.0949, 60.7761.



This preview shows how white text looks on a background with the YUV color 128.7000, 39.0949, 60.7761.

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

128.7000, 39.0949, 60.7761

Protanopia

117.7650, 66.6709, -57.6759

Deuteranopia

126.8140, 35.5877, -27.9009



Tritanopia

130.7180, -8.7350, 48.4823

Trichromacy



Original Color

128.7000, 39.0949, 60.7761



Protanomaly

121.8090, 56.7892, -14.7415



Deuteranomaly

127.0660, 36.9425, 4.3271



Tritanomaly

130.0340, 8.8572, 52.5902

Monochromacy



Original Color

128.7000, 39.0949, 60.7761



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

128.6280, 14.4804, 22.2512

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.7000, 39.0949, 60.7761 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(198, 78, 208)` looks like.

```
.text, #text, p{  
    color:rgb(198, 78, 208)  
}
```

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(198, 78, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 78, 208) }
```

Border

The CSS property to change the border of an element to YUV 128.7000, 39.0949, 60.7761 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(198, 78, 208) }
```


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

```
.border{ border-color:rgb(198, 78, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 78, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 78, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 78, 208);  
box-shadow:4px 4px 4px 4px rgb(198, 78,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 128.7000, 39.0949, 60.7761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 78, 208) }
```

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

```
.background{ background-color: rgb(198, 78,  
208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor