

Converting Colors

YUV(173.2030, 39.3399,
28.7630)

Have a look what the booklet for
YUV(173.2030, 39.3399, 28.7630)
contains.

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Color

**YUV(173.2030, 39.3399,
28.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	CE8DFD
RGB	206, 141, 253
RGB Percent	81%, 55%, 99%
CMY	0.1922, 0.4471, 0.0078
CMYK	0.19, 0.44, 0.00, 0.01
HSL	275°, 97%, 77%
HSV	275°, 44%, 99%
XYZ	52.7081, 39.2634, 97.7291
YIQ	173.2030, 2.7880, 48.6120

Conversions

Conversions Part 2

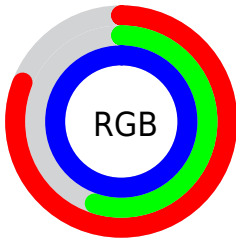
Format	Color
R _Y B	206, 141, 253
Decimal	13536765
CIE Lab	68.94, 44.66, -46.47
CIE LCh	69, 64.452, 313.860
Yxy	39.2634, 0.2778, 0.2070
Android (android.graphics.Color)	4291726845 (0xFFCE8DFD)
YUV	173.2030, 39.3399, 28.7630
Hunter-Lab	62.6605, 40.4928, -48.6098

Details

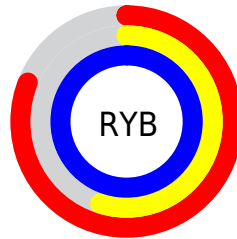
The YUV color **173.2030, 39.3399, 28.7630** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **220.7970, -39.3399, -28.7630**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3670, 17.0741, 30.3731**, and **119.4370, 37.7456, 26.8038** is the 20% darker color. If you saturate the color by 10%, you get **155.2390, 48.1962, 34.8704**, and if you desaturate by 10%, it is **191.1670, 30.4837, 22.6555**.

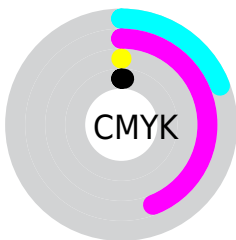
Distribution



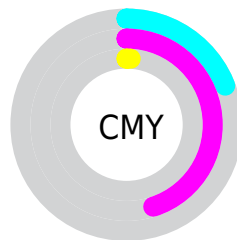
- Red (81%)
- Green (55%)
- Blue (99%)



- Red (81%)
- Yellow (55%)
- Blue (99%)



- Cyan (19%)
- Magenta (44%)
- Yellow (0%)
- Black (1%)





- Cyan (19%)
- Magenta (45%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.2030, 39.3399, 28.7630 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 173.2030, 39.3399, 28.7630 by changing the saturation by 10% instead.

 173.2030, 39.3399,
28.7630

 173.2030, 39.3399,
28.7630


255.0000, 0.0000,
0.0000


 145.9640, 38.4717,
27.2186


 220.3670, 17.0741,
30.3731


 119.4370, 37.7456,
26.8038


 236.8030, 8.9711,
15.9588

 93.1980, 36.8774,
25.2594

 253.8260, 0.5788,
1.0296

 67.3720, 36.2986,
24.2298

 40.1980, 36.8774,
25.2594

 22.8180, 33.1207,
16.8226

 13.2050, 26.0279,

5.0822

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 173.2030, 39.3399,
28.7630

■ 173.2030, 39.3399,
28.7630

■ 155.2390, 48.1962,
34.8704

■ 191.1670, 30.4837,
22.6555

■ 136.9870, 57.1944,
42.1074

■ 209.4190, 21.4854,
15.4185

■ 119.0230, 66.0507,
48.2148

■ 227.3830, 12.6292,
9.3111

■ 101.3580, 74.7595,
54.9370

■ 245.0480, 3.9203,
2.5889

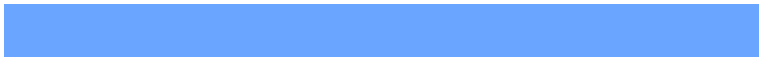
■ 83.3940, 83.6158, 254.7720, -0.8736,
61.0445 0.2000

■ 72.7950, 88.8411,
65.0778

Harmonies

Analogous

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



158.2060, 47.7194, -45.7847



173.2030, 39.3399, 28.7630



169.1260, 16.2069, 75.3115

Triad

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



173.2030, 39.3399, 28.7630



163.2590, -56.3297, 54.1469



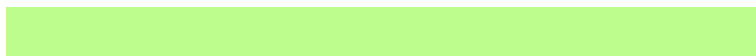
137.1680, 28.0182, -120.2963

Complementary

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



173.2030, 39.3399, 28.7630



220.7970, -39.3399, -28.7630

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.



129.1540, 2.3891, -113.2681



173.2030, 39.3399, 28.7630



158.6530, -57.5099, 12.5823

Square

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



173.2030, 39.3399, 28.7630



162.8150, -35.8978, 80.8462



150.7680, -35.3816, -38.3845



141.5630, 52.4734, -124.1508

Rectangle

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



173.2030, 39.3399, 28.7630



161.1580, 0.9081, 82.2994



150.7680, -35.3816, -38.3845



134.8880, 19.2822, -118.2968

Sweetspot

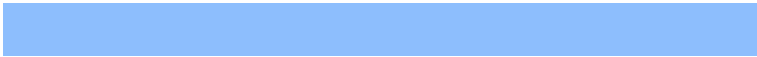
The Sweet Spot groups the original color and five complimentary colors.



173.2030, 39.3399, 28.7630



231.4430, 11.6136, 8.3815



182.5310, 34.7412, -36.4227



112.9820, 7.4039, 5.2778



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.



173.2030, 39.3399, 28.7630



158.7120, 47.4700, 34.4556



186.4580, 29.3542, 58.3573



118.5750, 4.6465, 3.0037



54.9630, 67.0662, 49.1444



18.3590, 22.5010, 16.3482

Inverse Universe

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



179.8460, 4.0199, 64.1561



166.8630, 4.9975, 77.2961



207.5420, -29.3542, -58.3573



119.4570, 0.2677, 7.4922



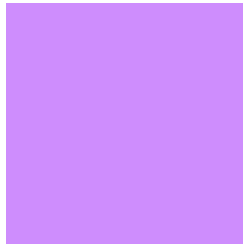
66.2290, 6.7891, 109.4242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 173.2030, 39.3399, 28.7630 looks on a white background.

Color Contrast Check

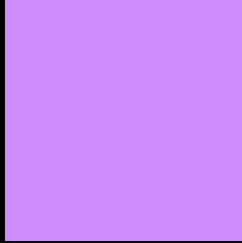
Large Text (above 18pt) WCAG AA × Fail

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 173.2030, 39.3399, 28.7630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

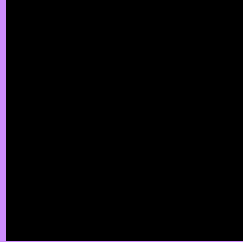
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.2030, 39.3399, 28.7630 Background



This preview shows how black text looks on a background with the YUV color 173.2030, 39.3399, 28.7630.



This preview shows how white text looks on a background with the YUV color 173.2030, 39.3399,

28.7630.

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

173.2030, 39.3399, 28.7630

Protanopia

167.1760, 43.2972, -27.3414

Deuteranopia

166.3670, 40.2451, -28.3859



Tritanopia

170.6480, 0.6665, 19.6027

Trichromacy



Original Color

173.2030, 39.3399, 28.7630



Protanomaly

169.2540, 41.7798, -7.2388



Deuteranomaly

169.0860, 39.8906, -7.9684

Tritanomaly

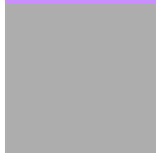
171.3400, 14.6224, 23.3808

Monochromacy



Original Color

173.2030, 39.3399, 28.7630



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.8500, 14.3710, 10.6556

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.2030, 39.3399, 28.7630 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(206, 141, 253)` looks like.

```
.text, #text, p{  
    color:rgb(206, 141, 253)  
}
```

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(206, 141, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 141, 253) }
```

Border

The CSS property to change the border of an element to YUV 173.2030, 39.3399, 28.7630 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(206, 141, 253) }
```


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

```
.border{ border-color:rgb(206, 141, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 141, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 141, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 141, 253);  
box-shadow:4px 4px 4px 4px rgb(206, 141,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 173.2030, 39.3399, 28.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 141, 253) }
```

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

```
.background{ background-color: rgb(206,  
141, 253) }
```

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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