

Converting Colors

YUV(172.8270, 39.5253,
15.9377)

Have a look what the booklet for
YUV(172.8270, 39.5253, 15.9377)
contains.

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Color

**YUV(172.8270, 39.5253,
15.9377)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BF94FD |
| RGB | 191, 148, 253 |
| RGB Percent | 75%, 58%, 99% |
| CMY | 0.2510, 0.4196, 0.0078 |
| CMYK | 0.25, 0.42, 0.00, 0.01 |
| HSL | 265°, 96%, 79% |
| HSV | 265°, 42%, 99% |
| XYZ | 49.8054, 39.3480, 97.8984 |
| YIQ | 172.8270, -8.0770, 41.7710 |

Conversions

Conversions Part 2

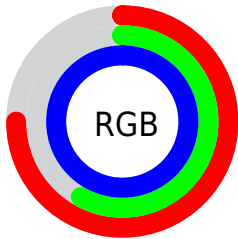
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 191, 148, 253 |
| Decimal | 12555517 |
| CIE _{Lab} | 69.00, 36.71, -46.48 |
| CIE _{LCh} | 69, 59.229, 308.305 |
| Yxy | 39.3480, 0.2663, 0.2104 |
| Android (android.graphics.Color) | 4290745597 (0xFFBF94FD) |
| YUV | 172.8270, 39.5253, 15.9377 |
| Hunter-Lab | 62.7280, 31.9531, -48.6232 |

Details

The YUV color **172.8270, 39.5253, 15.9377** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **228.1730, -39.5253, -15.9377**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.6820, 15.9328, 23.0809**, and **119.0610, 37.9309, 13.9785** is the 20% darker color. If you saturate the color by 10%, you get **153.6670, 48.9712, 19.5860**, and if you desaturate by 10%, it is **191.9870, 30.0794, 12.2894**.

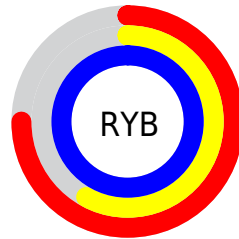
Distribution



Red (75%)

Green (58%)

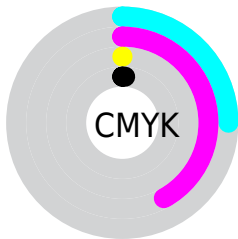
Blue (99%)



Red (75%)

Yellow (58%)

Blue (99%)

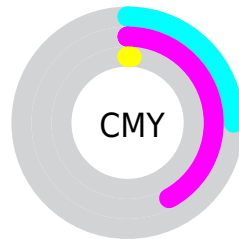


Cyan (25%)

Magenta (42%)

Yellow (0%)

Black (1%)



Cyan (25%)


Magenta (42%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.8270, 39.5253, 15.9377 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 172.8270, 39.5253, 15.9377 by changing the saturation by 10% instead.


 172.8270, 39.5253,
15.9377


 172.8270, 39.5253,
15.9377


255.0000, 0.0000,
0.0000


 145.8870, 38.5097,
15.0081


 222.6820, 15.9328,
23.0809


 119.0610, 37.9309,
13.9785

 240.9120, 6.9454,
12.3552

 93.7080, 36.6260,
12.5341

 68.4690, 35.7578,
10.9897

 44.2300, 34.8896,
9.4453

 19.2080, 34.9005,
5.9566

 7.5240, 28.8287,

-6.5985

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 172.8270, 39.5253,
15.9377

■ 172.8270, 39.5253,
15.9377

■ 153.6670, 48.9712,
19.5860

■ 191.9870, 30.0794,
12.2894

■ 133.9200, 58.7064,
23.7492

■ 211.7340, 20.3441,
8.1263

■ 114.7600, 68.1523,
27.3975

■ 230.8940, 10.8983,
4.4780

■ 95.6000, 77.5982,
31.0458

■ 250.0540, 1.4524,
0.8296

■ 76.4400, 87.0441, 254.7720, -0.8736,
34.6941 0.2000

■ 59.9380, 95.1796,
38.6424

Harmonies

Analogous

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



155.7810, 48.9150, -55.9359



172.8270, 39.5253, 15.9377



171.6300, 18.4234, 64.3455

Triad

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



172.8270, 39.5253, 15.9377



164.6320, -48.6256, 56.4507



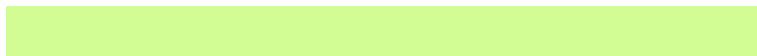
135.2130, 23.0660, -118.5818

Complementary

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



172.8270, 39.5253, 15.9377



228.1730, -39.5253, -15.9377

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.



133.4610, -3.1853, -98.6283



172.8270, 39.5253, 15.9377



160.9620, -52.7323, 20.2043

Square

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



172.8270, 39.5253, 15.9377



165.1120, -29.6352, 78.8318



154.6880, -37.3142, -25.1594



139.9670, 46.3583, -122.7511

Rectangle

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



172.8270, 39.5253, 15.9377



166.5210, 3.6871, 77.5961



154.6880, -37.3142, -25.1594



132.5740, 15.4930, -116.2674

Sweetspot

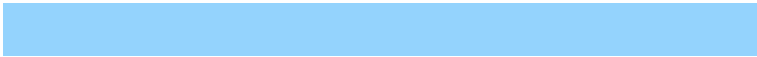
The Sweet Spot groups the original color and five complimentary colors.



172.8270, 39.5253, 15.9377



231.4210, 11.6244, 4.8928



196.9510, 27.6322, -42.9300



114.1450, 6.8305, 2.5038



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.



172.8270, 39.5253, 15.9377



158.0260, 47.8082, 19.2712



188.3750, 31.8601, 47.9061



117.9770, 4.9413, 1.7742



45.0960, 71.9307, 28.8568



15.0700, 24.1225, 9.5856

Inverse Universe

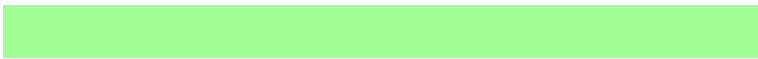
The Inverse Universe completely reimagines the original color for something new.



186.4630, 11.6037, 58.3529



174.5230, 14.0392, 70.5783



212.9240, -32.0075, -47.2913



119.6850, 1.1413, 7.2923



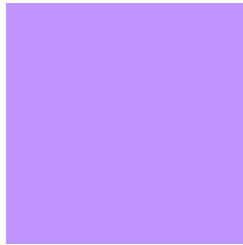
69.9910, 21.2034, 106.1249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 172.8270, 39.5253, 15.9377 looks on a white background.

Color Contrast Check

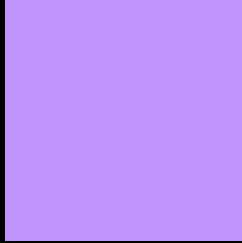
Large Text (above 18pt) WCAG AA × Fail

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 172.8270, 39.5253, 15.9377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

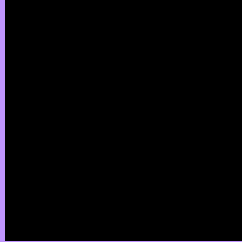
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.8270, 39.5253, 15.9377

Background



This preview shows how black text looks on a background with the YUV color 172.8270, 39.5253, 15.9377.



This preview shows how white text looks on a background with the YUV color 172.8270, 39.5253, 15.9377.

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

172.8270, 39.5253, 15.9377

Protanopia

167.4750, 43.1498, -26.7266

Deuteranopia

166.1820, 40.8293, -29.1006



Tritanopia

169.3690, 3.7621, 6.6924

Trichromacy



Original Color

172.8270, 39.5253, 15.9377

Protanomaly

169.2320, 41.7906, -10.7275

Deuteranomaly

168.4660, 40.1963, -12.6867

Tritanomaly

170.5340, 16.9917, 10.0557

Monochromacy



Original Color

172.8270, 39.5253, 15.9377

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.1160, 14.2398, 6.0373

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.8270, 39.5253, 15.9377 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(191, 148, 253)` looks like.

```
.text, #text, p{  
    color:rgb(191, 148, 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(191, 148, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 148, 253) }
```

Border

The CSS property to change the border of an element to YUV 172.8270, 39.5253, 15.9377 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(191, 148, 253) }
```


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

```
.border{ border-color:rgb(191, 148, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 148, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 148, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 148, 253);  
box-shadow:4px 4px 4px 4px rgb(191, 148,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 172.8270, 39.5253, 15.9377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 148, 253) }
```

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

```
.background{ background-color: rgb(191,  
148, 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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