

Converting Colors

YUV(170.9410, 39.9621,
15.8377)

Have a look what the booklet for
YUV(170.9410, 39.9621, 15.8377)
contains.

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Color

**YUV(170.9410, 39.9621,
15.8377)**

Conversions

Conversions Part 1

Format	Color
Hex	BD92FC
RGB	189, 146, 252
RGB Percent	74%, 57%, 99%
CMY	0.2588, 0.4275, 0.0118
CMYK	0.25, 0.42, 0.00, 0.01
HSL	264°, 95%, 78%
HSV	264°, 42%, 99%
XYZ	48.8358, 38.4049, 96.9344
YIQ	170.9410, -8.3980, 42.0820

Conversions

Conversions Part 2

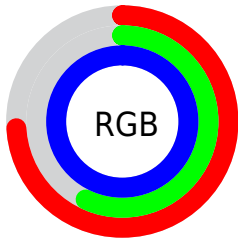
Format	Color
R _Y B	189, 146, 252
Decimal	12423932
CIE Lab	68.32, 37.03, -47.02
CIE LCh	68, 59.854, 308.220
Yxy	38.4049, 0.2652, 0.2085
Android (android.graphics.Color)	4290614012 (0xFFBD92FC)
YUV	170.9410, 39.9621, 15.8377
Hunter-Lab	61.9717, 32.2139, -49.3597

Details

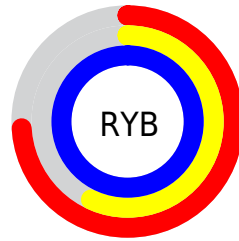
The YUV color **170.9410, 39.9621, 15.8377** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **227.0590, -39.9621, -15.8377**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9100, 16.8064, 22.8809**, and **117.7620, 38.0783, 13.3637** is the 20% darker color. If you saturate the color by 10%, you get **151.7810, 49.4080, 19.4861**, and if you desaturate by 10%, it is **190.1010, 30.5162, 12.1894**.

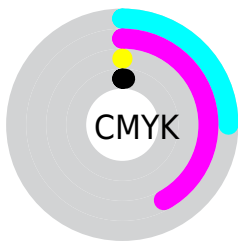
Distribution



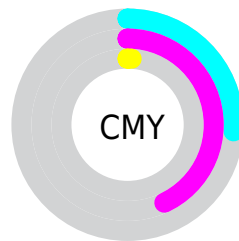
- Red (74%)
- Green (57%)
- Blue (99%)



- Red (74%)
- Yellow (57%)
- Blue (99%)



- Cyan (25%)
- Magenta (42%)
- Yellow (0%)
- Black (1%)





- Cyan (26%)
- Magenta (43%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.9410, 39.9621, 15.8377 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 170.9410, 39.9621, 15.8377 by changing the saturation by 10% instead.


 170.9410, 39.9621,
15.8377

 170.9410, 39.9621,
15.8377


255.0000, 0.0000,
0.0000


 144.0010, 38.9465,
14.9081


 220.9100, 16.8064,
22.8809


 117.7620, 38.0783,
13.3637

 239.7380, 7.5242,
13.3848

 91.8220, 37.0628,
12.4341

 66.5830, 36.1946,
10.8897

 42.0450, 35.4738,
8.7305

 17.6100, 35.1953,
4.7270

 7.4100, 28.3919,

-6.4986

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 170.9410, 39.9621,
15.8377

■ 170.9410, 39.9621,
15.8377

■ 151.7810, 49.4080,
19.4861

■ 190.1010, 30.5162,
12.1894

■ 132.6210, 58.8538,
23.1344

■ 209.2610, 21.0703,
8.5411

■ 112.8740, 68.5891,
27.2975

■ 229.0080, 11.3351,
4.3780

■ 93.7140, 78.0350,
30.9458

■ 248.1680, 1.8892,
0.7297

■ 74.5540, 87.4809,
34.5941

254.6580, -1.3104,
0.2999

■ 59.2260, 95.0376,
37.5128

Harmonies

Analogous

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



153.9980, 49.7940, -57.8802



170.9410, 39.9621, 15.8377



170.0430, 18.7128, 64.8603

Triad

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



170.9410, 39.9621, 15.8377



162.8170, -49.2098, 57.1655



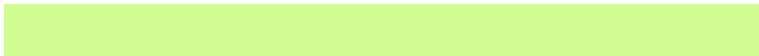
133.8110, 22.7712, -117.3522

Complementary

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



170.9410, 39.9621, 15.8377



227.0590, -39.9621, -15.8377

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.



127.4600, -1.7058, -106.5204



170.9410, 39.9621, 15.8377



159.4350, -53.4585, 19.7895

Square

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



170.9410, 39.9621, 15.8377



163.5960, -30.3668, 80.1613



152.6880, -37.3142, -25.1594



138.5650, 46.0635, -121.5215

Rectangle

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



170.9410, 39.9621, 15.8377



165.1190, 3.3923, 78.8256



152.6880, -37.3142, -25.1594



131.6450, 14.4720, -115.4527

Sweetspot

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



170.9410, 39.9621, 15.8377



229.6490, 12.4980, 4.6928



195.6520, 27.7796, -43.5448



111.7860, 7.9935, 2.8187



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.



170.9410, 39.9621, 15.8377



157.7270, 47.9556, 18.6564



186.4890, 32.2969, 47.8061



115.2760, 4.7939, 2.3889



44.5690, 71.2045, 28.4420



14.4290, 22.9595, 9.2708

Inverse Universe

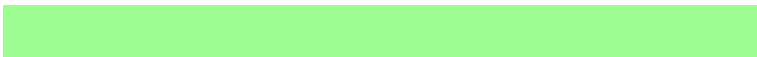
The Inverse Universe completely reimagines the original color for something new.



184.8760, 11.8931, 58.8677



174.5230, 14.0392, 70.5783



211.5110, -32.2969, -47.8061



116.7990, 1.5781, 7.1923



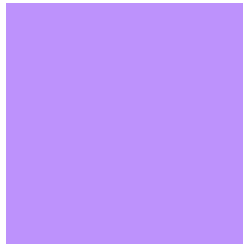
69.2790, 21.0615, 104.9953



22.3430, 6.7329, 33.9022

Previews

White Background



This preview shows how the YUV color 170.9410, 39.9621, 15.8377 looks on a white background.

Color Contrast Check

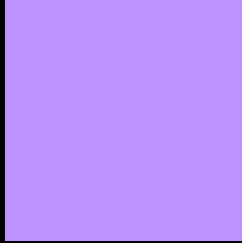
Large Text (above 18pt) WCAG AA × Fail

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 170.9410, 39.9621, 15.8377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

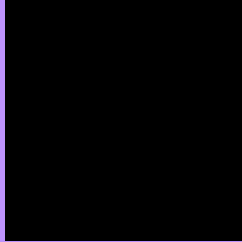
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.9410, 39.9621, 15.8377

Background



This preview shows how black text looks on a background with the YUV color 170.9410, 39.9621, 15.8377.



This preview shows how white text looks on a background with the YUV color 170.9410, 39.9621, 15.8377.

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

170.9410, 39.9621, 15.8377

Protanopia

165.4040, 44.1708, -27.5413

Deuteranopia

164.5840, 41.1241, -30.3302



Tritanopia

168.0700, 3.9095, 6.0776

Trichromacy



Original Color

170.9410, 39.9621, 15.8377

Protanomaly

167.1610, 42.8116, -11.5422

Deuteranomaly

166.8680, 40.4911, -13.9162

Tritanomaly

169.2350, 17.1391, 9.4409

Monochromacy



Original Color

170.9410, 39.9621, 15.8377

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1160, 14.2398, 6.0373

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.9410, 39.9621, 15.8377 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(189, 146, 252)` looks like.

```
.text, #text, p{  
    color:rgb(189, 146, 252)  
}
```

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(189, 146, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 146, 252) }
```

Border

The CSS property to change the border of an element to YUV 170.9410, 39.9621, 15.8377 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(189, 146, 252) }
```


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

```
.border{ border-color:rgb(189, 146, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 146, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 146, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 146, 252); box-shadow:4px 4px 4px 4px rgb(189, 146, 252) }
```

Background

The CSS property to change the background color of an element to YUV 170.9410, 39.9621, 15.8377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 146, 252) }
```

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

```
.background{ background-color: rgb(189,  
146, 252) }
```

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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