

Converting Colors

YUV(109.4200, 70.7849,
69.7917)

Have a look what the booklet for
YUV(109.4200, 70.7849, 69.7917)
contains.

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Color

**YUV(109.4200, 70.7849,
69.7917)**

Conversions

Conversions Part 1

Format	Color
Hex	BD29FD
RGB	189, 41, 253
RGB Percent	74%, 16%, 99%
CMY	0.2588, 0.8392, 0.0078
CMYK	0.25, 0.84, 0.00, 0.01
HSL	282°, 98%, 58%
HSV	282°, 84%, 99%
XYZ	39.5088, 19.4965, 94.6094
YIQ	109.4200, 20.1560, 97.3080

Conversions

Conversions Part 2

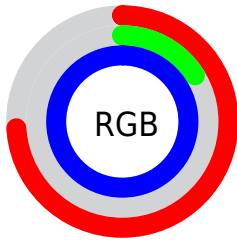
Format	Color
R _{YB}	189, 41, 253
Decimal	12397053
CIE _{Lab}	51.26, 83.23, -74.88
CIE _{LCh}	51, 111.952, 318.023
Yxy	19.4965, 0.2572, 0.1269
Android (android.graphics.Color)	4290587133 (0xFFBD29FD)
YUV	109.4200, 70.7849, 69.7917
Hunter-Lab	44.1549, 82.4468, -96.1305

Details

The YUV color **109.4200, 70.7849, 69.7917** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **184.5800, -70.7849, -69.7917**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2160, 43.2775, 72.6016**, and **60.8010, 66.1601, 59.8105** is the 20% darker color. If you saturate the color by 10%, you get **92.3530, 79.1990, 77.7434**, and if you desaturate by 10%, it is **126.4870, 62.3709, 61.8399**.

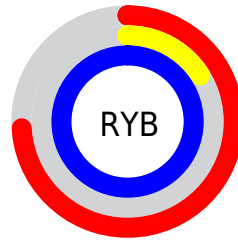
Distribution



Red (74%)

Green (16%)

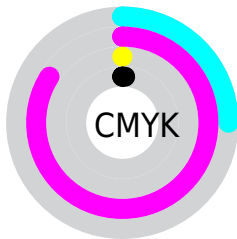
Blue (99%)



Red (74%)

Yellow (16%)

Blue (99%)

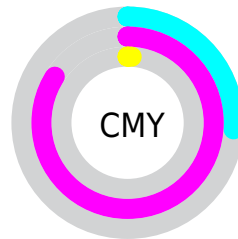


Cyan (25%)

Magenta (84%)

Yellow (0%)

Black (1%)



Cyan (26%)


Magenta (84%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.4200, 70.7849, 69.7917 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 109.4200, 70.7849, 69.7917 by changing the saturation by 10% instead.


 109.4200, 70.7849,
69.7917

 109.4200, 70.7849,
69.7917


255.0000, 0.0000,
0.0000

 73.0770, 74.4050,
75.3545


 167.2160, 43.2775,
72.6016


 60.8010, 66.1601,
59.8105


 185.7340, 34.1481,
60.7463

 48.6390, 58.3520,
44.1666


 203.3440, 25.4664,
45.3023

 35.9930, 51.2755,
27.1931

 220.3670, 17.0741,
30.3731

 23.3470, 44.1989,
10.2197

 237.9770, 8.3923,
14.9292

 10.0320, 38.4382,
-8.7981

 10.1170, 26.0713,

-8.8726

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 109.4200, 70.7849,
69.7917

■ 109.4200, 70.7849,
69.7917

■ 92.3530, 79.1990,
77.7434

■ 126.4870, 62.3709,
61.8399

■ 81.7650, 84.4189,
83.5211

■ 143.8420, 53.8149,
52.7586

■ 160.9090, 45.4009,
44.8068

■ 177.9760, 36.9868,
36.8550

■ 195.3310, 28.4308,
27.7737

■ 212.3980, 20.0168,
19.8220

■ 229.1660, 11.7502,
11.2554

■ 246.2330, 3.3361,
3.3037

254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



97.1620, 77.8141, -85.2111



109.4200, 70.7849, 69.7917



95.0550, 34.4829, 140.2718

Triad

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



109.4200, 70.7849, 69.7917



114.8680, -56.6299, 57.1208



112.6790, 33.1893, -98.8195

Complementary

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



109.4200, 70.7849, 69.7917



184.5800, -70.7849, -69.7917

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.



99.9910, -10.3486, -87.6921



109.4200, 70.7849, 69.7917



107.0520, -52.7766, -12.3236

Square

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



109.4200, 70.7849, 69.7917



85.5710, -42.1865, 138.0652



87.4630, -43.1193, -76.7051



121.2290, 65.9491, -106.3178

Rectangle

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



109.4200, 70.7849, 69.7917



87.8730, 6.9646, 146.5704



87.4630, -43.1193, -76.7051



108.9170, 18.7749, -95.5202

Sweetspot

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



109.4200, 70.7849, 69.7917



211.7510, 21.3218, 21.2664



104.4970, 73.2120, -55.6869



101.5190, 13.0551, 12.6998



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.



109.4200, 70.7849, 69.7917



82.2920, 85.1450, 83.9359



124.1100, 44.3158, 113.0365



119.1730, 4.3517, 4.2333



61.8400, 63.6759, 63.2843



20.7510, 21.3218, 21.2664

Inverse Universe

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



111.6840, -3.2952, 123.9341



85.0230, -3.9553, 149.0698



169.8900, -44.3158, -113.0365



119.3430, -0.1691, 7.5922



63.7210, -2.8205, 111.6237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 109.4200, 70.7849, 69.7917 looks on a white background.

Color Contrast Check

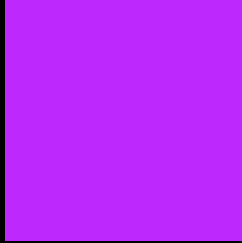
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.4200, 70.7849, 69.7917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

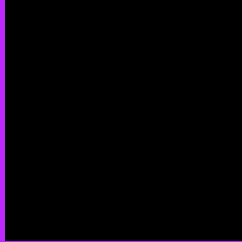
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.4200, 70.7849, 69.7917

Background



This preview shows how black text looks on a background with the YUV color 109.4200, 70.7849, 69.7917.



This preview shows how white text looks on a background with the YUV color 109.4200, 70.7849, 69.7917.

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

109.4200, 70.7849, 69.7917

Protanopia

97.6520, 74.6146, -85.6408

Deuteranopia

98.2270, 59.0481, -86.1451



Tritanopia

123.7490, -5.7923, 37.9311

Trichromacy



Original Color

109.4200, 70.7849, 69.7917



Protanomaly

101.9610, 72.9832, -28.9068



Deuteranomaly

102.1430, 63.5265, -29.0664



Tritanomaly

118.4540, 21.9612, 49.5908

Monochromacy



Original Color

109.4200, 70.7849, 69.7917



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

108.9240, 25.6735, 25.4997

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4200, 70.7849, 69.7917 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, 41, 253)` looks like.

```
.text, #text, p{  
    color:rgb(189, 41, 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(189, 41, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 41, 253) }
```

Border

The CSS property to change the border of an element to YUV 109.4200, 70.7849, 69.7917 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, 41, 253) }
```


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

```
.border{ border-color:rgb(189, 41, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 41, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 41, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 41, 253);  
box-shadow:4px 4px 4px 4px rgb(189, 41,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 109.4200, 70.7849, 69.7917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 41, 253) }
```

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

```
.background{ background-color: rgb(189, 41,  
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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