

Converting Colors

YUV(172.9310, 35.0370, 8.8305)

Have a look what the booklet for
YUV(172.9310, 35.0370, 8.8305)
contains.

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Color

**YUV(172.9310, 35.0370,
8.8305)**

Conversions

Conversions Part 1

Format	Color
Hex	B79AF4
RGB	183, 154, 244
RGB Percent	72%, 60%, 96%
CMY	0.2824, 0.3961, 0.0431
CMYK	0.25, 0.37, 0.00, 0.04
HSL	259°, 80%, 78%
HSV	259°, 37%, 96%
XYZ	47.4132, 39.7101, 90.7538
YIQ	172.9310, -11.6060, 34.1380

Conversions

Conversions Part 2

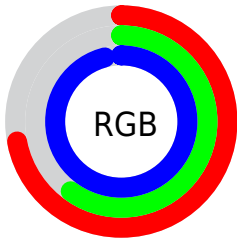
Format	Color
R _Y B	183, 154, 244
Decimal	12032756
CIE Lab	69.26, 29.03, -41.22
CIE LCh	69, 50.414, 305.161
Yxy	39.7101, 0.2666, 0.2232
Android (android.graphics.Color)	4290222836 (0xFFB79AF4)
YUV	172.9310, 35.0370, 8.8305
Hunter-Lab	63.0160, 24.0253, -41.2766

Details

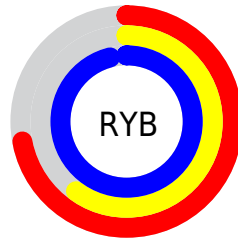
The YUV color **172.9310, 35.0370, 8.8305** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **225.0690, -35.0370, -8.8305**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.5130, 15.5231, 14.4591**, and **120.0510, 33.0059, 6.9713** is the 20% darker color. If you saturate the color by 10%, you get **153.7600, 44.4883, 10.7345**, and if you desaturate by 10%, it is **192.1020, 25.5857, 6.9265**.

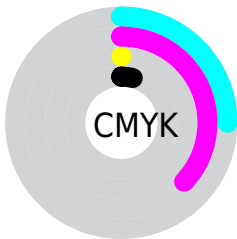
Distribution



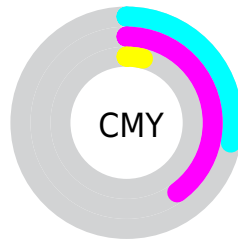
- Red (72%)
- Green (60%)
- Blue (96%)



- Red (72%)
- Yellow (60%)
- Blue (96%)



- Cyan (25%)
- Magenta (37%)
- Yellow (0%)
- Black (4%)



- Cyan (28%)
- Magenta (40%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9310, 35.0370, 8.8305 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 172.9310, 35.0370, 8.8305 by changing the saturation by 10% instead.

172.9310, 35.0370,
8.8305

172.9310, 35.0370,
8.8305

255.0000, 0.0000,
0.0000

145.9910, 34.0214,
7.9009

223.5130, 15.5231,
14.4591

120.0510, 33.0059,
6.9713

244.4340, 5.2090,
9.2664

94.2250, 32.4271,
5.9417

69.9860, 31.5589,
4.3973

46.3340, 30.4013,
2.3381

22.1980, 29.9754,
-1.0506

6.8400, 26.2079,

-5.9987

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 172.9310, 35.0370,
8.8305

■ 172.9310, 35.0370,
8.8305

■ 153.7600, 44.4883,
10.7345

■ 192.1020, 25.5857,
6.9265

■ 134.3010, 54.0816,
13.7680

■ 211.5610, 15.9924,
3.8930

■ 115.1300, 63.5329,
15.6720

■ 230.7320, 6.5411,
1.9890

■ 95.6710, 73.1262,
18.7055

■ 250.1910, -3.0522,
-1.0445

■ 76.5000, 82.5775,
20.6095

■ 253.7460, -4.8048,
1.0998

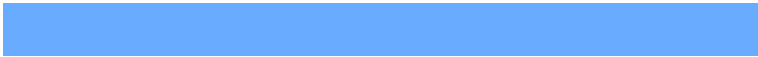
■ 57.6280, 91.8814,
23.1282

■ 51.4370, 94.9336,
24.1728

Harmonies

Analogous

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



160.5430, 46.5673, -49.5882



172.9310, 35.0370, 8.8305



173.4990, 17.0090, 51.3054

Triad

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



172.9310, 35.0370, 8.8305



167.4880, -40.1736, 52.1920



132.7680, 21.3134, -116.4375

Complementary

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



172.9310, 35.0370, 8.8305



225.0690, -35.0370, -8.8305

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.



148.9710, -9.8457, -62.2416



172.9310, 35.0370, 8.8305



164.2640, -44.0072, 21.6935

Square

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



172.9310, 35.0370, 8.8305



169.0340, -24.6668, 71.8842



159.3670, -33.7049, -16.1079



137.1970, 40.8219, -120.3218

Rectangle

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



172.9310, 35.0370, 8.8305



171.6400, 3.1355, 67.8447



159.3670, -33.7049, -16.1079



130.9440, 14.3246, -114.8379

Sweetspot

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



172.9310, 35.0370, 8.8305



232.8830, 10.9037, 2.7336



200.6540, 21.3696, -40.9156



114.4330, 6.6885, 1.3743



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.



172.9310, 35.0370, 8.8305



166.5320, 43.6147, 10.9344



186.0870, 28.5511, 35.8807



112.5640, 4.6519, 1.2594



39.1440, 72.4000, 18.2907



12.4070, 22.9703, 5.7821

Inverse Universe

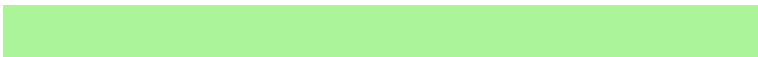
The Inverse Universe completely reimagines the original color for something new.



187.8640, 13.3780, 49.2313



185.1520, 16.6871, 61.2567



211.9130, -28.5511, -35.8807



114.5000, 1.7255, 6.5775



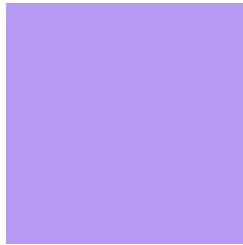
69.9780, 27.6188, 101.7513



22.2010, 8.7749, 32.2727

Previews

White Background



This preview shows how the YUV color 172.9310, 35.0370, 8.8305 looks on a white background.

Color Contrast Check

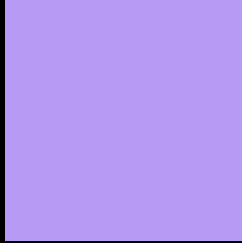
Large Text (above 18pt) WCAG AA × Fail

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 172.9310, 35.0370, 8.8305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

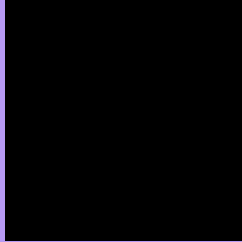
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.9310, 35.0370, 8.8305

Background



This preview shows how black text looks on a background with the YUV color 172.9310, 35.0370, 8.8305.



This preview shows how white text looks on a background with the YUV color 172.9310, 35.0370,

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

172.9310, 35.0370, 8.8305

Protanopia

167.9590, 42.4182, -25.3970

Deuteranopia

168.5480, 35.7188, -23.2826



Tritanopia

169.6780, 5.0887, 1.1594

Trichromacy



Original Color

172.9310, 35.0370, 8.8305

Protanomaly

169.9390, 39.4701, -13.1015

Deuteranomaly

170.2120, 35.3915, -11.5869

Tritanomaly

170.5610, 15.9924, 3.8930

Monochromacy



Original Color

172.9310, 35.0370, 8.8305

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0510, 12.7929, 3.4633

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9310, 35.0370, 8.8305 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(183, 154, 244)` looks like.

```
.text, #text, p{  
    color:rgb(183, 154, 244)  
}
```

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(183, 154, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 154, 244) }
```

Border

The CSS property to change the border of an element to YUV 172.9310, 35.0370, 8.8305 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(183, 154, 244) }
```


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

```
.border{ border-color:rgb(183, 154, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 154, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 154, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 154, 244);  
box-shadow:4px 4px 4px 4px rgb(183, 154,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 172.9310, 35.0370, 8.8305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 154, 244) }
```

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

```
.background{ background-color: rgb(183,  
154, 244) }
```

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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