

Converting Colors

YUV(172.3270, 37.7998, 9.3602)

Have a look what the booklet for
YUV(172.3270, 37.7998, 9.3602)
contains.

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Color

**YUV(172.3270, 37.7998,
9.3602)**

Conversions

Conversions Part 1

Format	Color
Hex	B798F9
RGB	183, 152, 249
RGB Percent	72%, 60%, 98%
CMY	0.2824, 0.4039, 0.0235
CMYK	0.27, 0.39, 0.00, 0.02
HSL	259°, 89%, 79%
HSV	259°, 39%, 98%
XYZ	47.8556, 39.3633, 94.6981
YIQ	172.3270, -12.6610, 36.7390

Conversions

Conversions Part 2

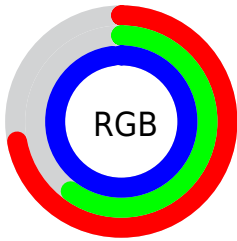
Format	Color
R_{YB}	183, 152, 249
Decimal	12032249
CIE _{Lab}	69.01, 31.33, -44.33
CIE _{LCh}	69, 54.288, 305.253
Yxy	39.3633, 0.2631, 0.2164
Android (android.graphics.Color)	4290222329 (0xFFB798F9)
YUV	172.3270, 37.7998, 9.3602
Hunter-Lab	62.7402, 26.3569, -45.5724

Details

The YUV color $172.3270, 37.7998, 9.3602$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $228.6730, -37.7998, -9.3602$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.6380, 15.9545, 16.1035$, and $119.4470, 35.7686, 7.5010$ is the 20% darker color. If you saturate the color by 10%, you get $152.5690, 47.5405, 11.7790$, and if you desaturate by 10%, it is $192.0850, 28.0591, 6.9415$.

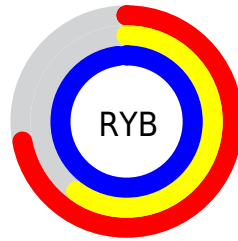
Distribution



Red (72%)

Green (60%)

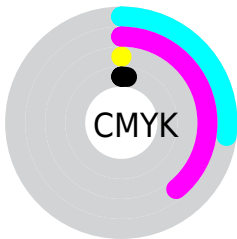
Blue (98%)



Red (72%)

Yellow (60%)

Blue (98%)

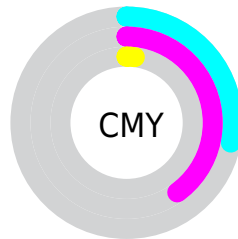


Cyan (27%)

Magenta (39%)

Yellow (0%)

Black (2%)



Cyan (28%)

Magenta (40%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.3270, 37.7998, 9.3602 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 172.3270, 37.7998, 9.3602 by changing the saturation by 10% instead.

172.3270, 37.7998,
9.3602

172.3270, 37.7998,
9.3602

255.0000, 0.0000,
0.0000

145.3870, 36.7842,
8.4306

222.6380, 15.9545,
16.1035

119.4470, 35.7686,
7.5010

243.2600, 5.7878,
10.2960

93.6210, 35.1898,
6.4714

68.9690, 34.0323,
4.4122

45.3170, 32.8747,
2.3530

20.2840, 32.8910,
-2.8801

7.1820, 27.5183,

-6.2986

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 172.3270, 37.7998,
9.3602

■ 172.3270, 37.7998,
9.3602

■ 152.5690, 47.5405,
11.7790

■ 192.0850, 28.0591,
6.9415

■ 132.8110, 57.2812,
14.1978

■ 211.8430, 18.3184,
4.5227

■ 113.0530, 67.0219,
16.6165

■ 231.6010, 8.5777,
2.1039

■ 93.2950, 76.7626,
19.0353

■ 251.3590, -1.1630,
-0.3148

■ 73.5370, 86.5033,
21.4541

■ 254.3160, -2.6208,
0.5999

■ 54.3660, 95.9546,
23.3580

■ 52.3060, 96.9701,
24.2876

Harmonies

Analogous

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



157.2540, 48.1888, -56.3508



172.3270, 37.7998, 9.3602



172.6890, 18.8873, 55.5237

Triad

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



172.3270, 37.7998, 9.3602



166.0000, -43.3840, 55.2510



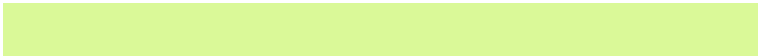
133.3550, 21.0240, -116.9523

Complementary

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



172.3270, 37.7998, 9.3602



228.6730, -37.7998, -9.3602

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.



144.9160, -9.8186, -70.9633



172.3270, 37.7998, 9.3602



162.8250, -48.2277, 22.0785

Square

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



172.3270, 37.7998, 9.3602



167.3120, -26.2828, 76.9024



157.3730, -36.1729, -17.8671



137.6530, 42.5691, -120.7217

Rectangle

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



172.3270, 37.7998, 9.3602



170.2000, 3.8454, 73.4926



157.3730, -36.1729, -17.8671



130.8300, 13.8878, -114.7379

Sweetspot

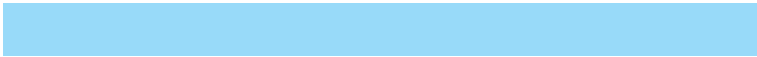
The Sweet Spot groups the original color and five complimentary colors.



172.3270, 37.7998, 9.3602



230.5240, 12.0667, 3.0485



201.8000, 23.2696, -43.6746



113.5470, 7.1253, 1.2743



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.



172.3270, 37.7998, 9.3602



160.0420, 46.8143, 11.3642



186.6790, 30.7243, 38.8695



114.6780, 5.0887, 1.1594



39.4860, 73.7104, 17.9908



12.9340, 23.6965, 6.1969

Inverse Universe

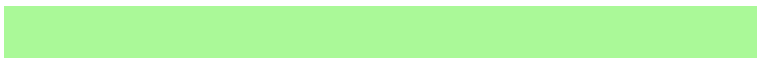
The Inverse Universe completely reimagines the original color for something new.



188.5270, 14.5302, 53.0348



180.2280, 18.1286, 65.5750



214.3210, -30.7243, -38.8695



116.9130, 2.0149, 7.0923



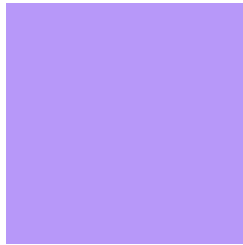
71.1030, 28.0502, 103.3957



23.0270, 9.3537, 33.3023

Previews

White Background



This preview shows how the YUV color 172.3270, 37.7998, 9.3602 looks on a white background.

Color Contrast Check

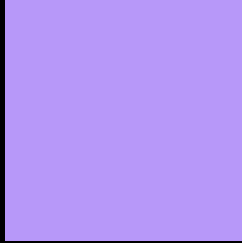
Large Text (above 18pt) WCAG AA × Fail

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 172.3270, 37.7998, 9.3602 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 172.3270, 37.7998, 9.3602

Background



This preview shows how black text looks on a background with the YUV color 172.3270, 37.7998, 9.3602.



This preview shows how white text looks on a background with the YUV color 172.3270, 37.7998, 9.3602.

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

172.3270, 37.7998, 9.3602

Protanopia

167.4750, 43.1498, -26.7266

Deuteranopia

166.7370, 39.0767, -26.9563



Tritanopia

169.3790, 5.2362, 0.5446

Trichromacy



Original Color

172.3270, 37.7998, 9.3602

Protanomaly

169.3950, 41.2173, -13.5014

Deuteranomaly

168.9990, 38.4545, -14.0311

Tritanomaly

170.7890, 16.8660, 3.6930

Monochromacy



Original Color

172.3270, 37.7998, 9.3602

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.2790, 13.6665, 3.2633

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3270, 37.7998, 9.3602 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, 152, 249)` looks like.

```
.text, #text, p{  
    color:rgb(183, 152, 249)  
}
```

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, 152, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 152, 249) }
```

Border

The CSS property to change the border of an element to YUV 172.3270, 37.7998, 9.3602 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, 152, 249) }
```


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

```
.border{ border-color:rgb(183, 152, 249) }
```

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

Here you see how a box with a 4 pixel rgb(183, 152, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 152, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 152, 249);  
box-shadow:4px 4px 4px 4px rgb(183, 152,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 172.3270, 37.7998, 9.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 152, 249) }
```

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

```
.background{ background-color: rgb(183,  
152, 249) }
```

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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