

# Converting Colors

YUV(173.7370, 29.2167, 9.0007)

Have a look what the booklet for  
YUV(173.7370, 29.2167, 9.0007)  
contains.

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# Color

**YUV(173.7370, 29.2167,  
9.0007)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B89DE9
RGB	184, 157, 233
RGB Percent	72%, 62%, 91%
CMY	0.2784, 0.3843, 0.0863
CMYK	0.21, 0.33, 0.00, 0.09
HSL	261°, 63%, 76%
HSV	261°, 33%, 91%
XYZ	46.5321, 40.1875, 82.3952
YIQ	173.7370, -8.3040, 29.3600

# Conversions

## Conversions Part 2

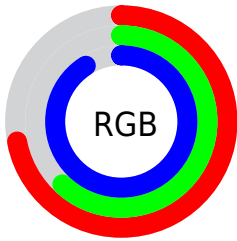
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">184, 157, 233</a>
Decimal	<a href="#">12099049</a>
CIELab	<a href="#">69.60, 25.09, -34.66</a>
CIELCh	<a href="#">70, 42.793, 305.902</a>
Yxy	<a href="#">40.1875, 0.2752, 0.2376</a>
Android (android.graphics.Color)	<a href="#">4290289129</a> ( <a href="#">0xFFB89DE9</a> )
YUV	<a href="#">173.7370, 29.2167, 9.0007</a>
Hunter-Lab	<a href="#">63.3936, 20.0836, -32.6861</a>

# Details

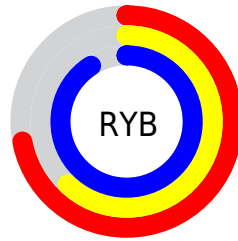
The YUV color **173.7370, 29.2167, 9.0007** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **216.2630, -29.2167, -9.0007**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5730, 14.5075, 13.5295**, and **120.6830, 27.7643, 8.1710** is the 20% darker color. If you saturate the color by 10%, you get **155.7510, 38.0838, 11.6194**, and if you desaturate by 10%, it is **191.7230, 20.3496, 6.3819**.

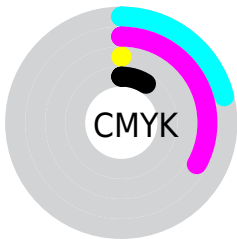
# Distribution



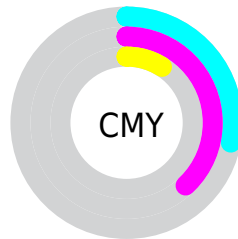
- Red (72%)
- Green (62%)
- Blue (91%)



- Red (72%)
- Yellow (62%)
- Blue (91%)



- Cyan (21%)
- Magenta (33%)
- Yellow (0%)
- Black (9%)



- Cyan (28%)
- Magenta (38%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.7370, 29.2167, 9.0007 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 173.7370, 29.2167, 9.0007 by changing the saturation by 10% instead.



■ 173.7370, 29.2167,  
9.0007

■ 173.7370, 29.2167,  
9.0007

■ 255.0000, 0.0000,  
0.0000

■ 146.9110, 28.6379,  
7.9711

■ 225.5730, 14.5075,  
13.5295

■ 120.6830, 27.7643,  
8.1710

■ 246.1950, 4.3409,  
7.7220

■ 95.7430, 26.7487,  
7.2414

■ 71.5040, 25.8805,  
5.6970

■ 48.2650, 25.0124,  
4.1526

■ 25.6130, 23.8548,  
2.0934

■ 8.6190, 21.3868,

0.3341

■ 4.4800, 12.0884,  
-3.9290

■ 0.0000, 0.0000,  
0.0000

■ 173.7370, 29.2167,  
9.0007

■ 173.7370, 29.2167,  
9.0007

■ 155.7510, 38.0838,  
11.6194

■ 191.7230, 20.3496,  
6.3819

■ 137.1780, 47.2402,  
14.7529

■ 210.2960, 11.1931,  
3.2484

■ 119.1920, 56.1073,  
17.3716

■ 228.2820, 2.3260,  
0.6297

■ 101.2060, 64.9744,  
19.9903

■ 246.2680, -6.5411,  
-1.9890

■ 82.6330, 74.1309,  
23.1239

■ 252.4920, -9.6096,  
2.1995

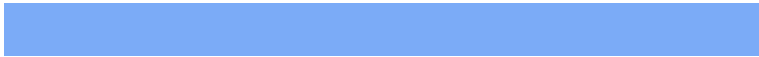
■ 64.6470, 82.9980,  
25.7426

■ 51.3790, 89.5392,  
27.7316

# Harmonies

## Analogous

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



165.3120, 40.2722, -37.1076



173.7370, 29.2167, 9.0007



174.8310, 13.3943, 43.9982

# Triad

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



173.7370, 29.2167, 9.0007



169.3390, -34.1841, 44.4297



132.6050, 21.8867, -113.6636

# Complementary

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



173.7370, 29.2167, 9.0007



216.2630, -29.2167, -9.0007

# 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.



154.6780, -8.7153, -51.4606



173.7370, 29.2167, 9.0007



166.0770, -37.0130, 18.3495

# Square

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



173.7370, 29.2167, 9.0007



170.9510, -22.1608, 61.4330



161.8710, -28.0374, -13.9189



135.3390, 38.7799, -118.6923



# Rectangle

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



173.7370, 29.2167, 9.0007



173.5310, 1.7102, 58.2933



161.8710, -28.0374, -13.9189



145.3610, 8.6960, -82.7546

# Sweetspot

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



173.7370, 29.2167, 9.0007



235.5410, 9.5933, 3.0335



194.4270, 19.0165, -32.8235



115.6180, 6.1043, 2.0890



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.



173.7370, 29.2167, 9.0007



177.7510, 38.0838, 11.6194



185.0990, 23.6152, 32.3622



108.4500, 4.2152, 1.3594



39.7700, 69.6264, 21.2497



11.8370, 20.7864, 6.2820



# Inverse Universe

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



185.3100, 10.2002, 41.8241



192.8970, 13.3618, 54.4643



204.9010, -23.6152, -32.3622



110.0870, 1.4361, 6.0627



67.4570, 24.4247, 99.5772

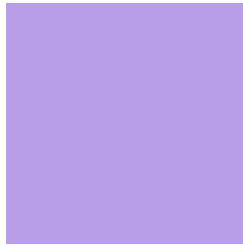


20.1360, 7.3280, 29.6987



# Previews

## White Background



This preview shows how the YUV color 173.7370, 29.2167, 9.0007 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

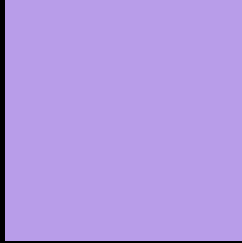
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.7370, 29.2167, 9.0007 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

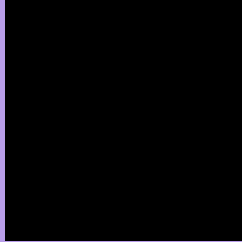
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 173.7370, 29.2167, 9.0007

## Background



This preview shows how black text looks on a background with the YUV color 173.7370, 29.2167, 9.0007.



This preview shows how white text looks on a background with the YUV color 173.7370, 29.2167,



# 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

173.7370, 29.2167, 9.0007

### Protanopia

170.0430, 34.9818, -20.2087

### Deuteranopia

170.3980, 29.8768, -16.1350



## Tritanopia

170.9880, 4.9359, 3.5185

# Trichromacy



## Original Color

173.7370, 29.2167, 9.0007

## Protanomaly

171.2400, 32.9127, -9.8575

## Deuteranomaly

171.7520, 29.7023, -6.7985

## Tritanomaly

171.7030, 13.9504, 5.5225

# Monochromacy



## Original Color

173.7370, 29.2167, 9.0007

## Achromatopsia

174.0000, 0.0000, 0.0000

## Achromatomaly

174.0680, 10.3195, 3.4484

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.7370, 29.2167, 9.0007 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(184, 157, 233)` looks like.

```
.text, #text, p{  
    color:rgb(184, 157, 233)  
}
```

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(184, 157, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 157, 233) }
```

## Border

The CSS property to change the border of an element to YUV 173.7370, 29.2167, 9.0007 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(184, 157, 233) }
```



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

```
.border{ border-color:rgb(184, 157, 233) }
```

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

Here you see how a box with a 4 pixel rgb(184, 157, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 157, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 157, 233);  
box-shadow:4px 4px 4px 4px rgb(184, 157,  
233) }
```

# Background

The CSS property to change the background color of an element to YUV 173.7370, 29.2167, 9.0007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 157, 233) }
```

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

```
.background{ background-color: rgb(184,  
157, 233) }
```

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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