

Converting Colors

YUV(30.9420, 72.0066, 4.4359)

Have a look what the booklet for
YUV(30.9420, 72.0066, 4.4359)
contains.

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Color

**YUV(30.9420, 72.0066,
4.4359)**

Conversions

Conversions Part 1

Format	Color
Hex	2400B1
RGB	36, 0, 177
RGB Percent	14%, 0%, 69%
CMY	0.8588, 1.0000, 0.3059
CMYK	0.80, 1.00, 0.00, 0.31
HSL	252°, 100%, 35%
HSV	252°, 100%, 69%
XYZ	8.6634, 3.5494, 41.8235
YIQ	30.9420, -35.3610, 62.6790

Conversions

Conversions Part 2

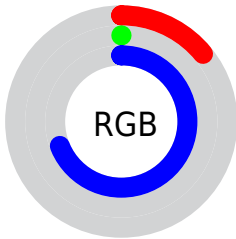
Format	Color
RYB	36, 0, 177
Decimal	2359473
CIELab	22.12, 60.70, -79.66
CIELCh	22, 100.148, 307.308
Yxy	3.5494, 0.1603, 0.0657
Android (android.graphics.Color)	4280549553 (0xFF2400B1)
YUV	30.9420, 72.0066, 4.4359
Hunter-Lab	18.8398, 49.1123, -118.4329

Details

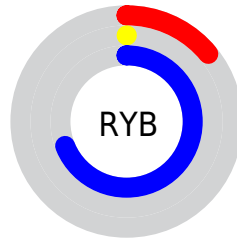
The YUV color **30.9420, 72.0066, 4.4359** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **146.0580, -72.0066, -4.4359**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.3730, 68.3431, 12.8279**, and **14.0220, 53.7262, -12.2973** is the 20% darker color. If you saturate the color by 10%, you get **30.9420, 72.0066, 4.4359**, and if you desaturate by 10%, it is **45.6940, 64.7339, 3.7764**.

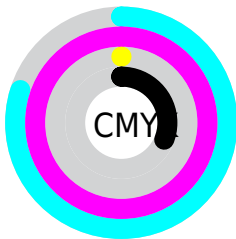
Distribution



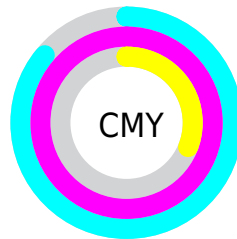
- Red (14%)
- Green (0%)
- Blue (69%)



- Red (14%)
- Yellow (0%)
- Blue (69%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (100%)
- Yellow (31%)
- Black (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.9420, 72.0066, 4.4359 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 30.9420, 72.0066, 4.4359 by changing the saturation by 10% instead.

■ 30.9420, 72.0066,
4.4359

■ 30.9420, 72.0066,
4.4359

■ 253.8260, 0.5788,
1.0296

■ 16.9860, 65.0829,
-14.8967

■ 95.3730, 68.3431,
12.8279

■ 14.0220, 53.7262,
-12.2973

■ 122.2980, 65.4221,
16.4017

■ 11.0580, 42.3694,
-9.6979

■ 146.5300, 53.4757,
21.4602

■ 12.9040, 29.1343,
-11.3168

■ 171.6480, 41.0925,
26.6187

■ 7.8200, 19.8087,
-6.8581

■ 196.7660, 28.7094,
31.7772

■ 3.5510, 11.0674,
-3.1142

■ 219.7800, 17.3635,

■ 0.0000, 0.0000,

30.8879

0.0000

■ 236.8030, 8.9711,
15.9588

■ 30.9420, 72.0066,
4.4359

■ 45.6940, 64.7339,
3.7764

■ 59.8590, 57.7505,
3.6317

■ 74.6110, 50.4778,
2.9722

■ 89.3630, 43.2050,
2.3126

■ 104.1150, 35.9323,
1.6531

■ 118.5790, 28.8016,
2.1232

■ 133.3310, 21.5288,
1.4637

■ 148.0830, 14.2561,
0.8042

■ 162.2480, 7.2727,
0.6595

Harmonies

Analogous

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



61.5080, 73.2066, -53.9425



30.9420, 72.0066, 4.4359



56.1230, 27.5474, 77.9451

Triad

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



30.9420, 72.0066, 4.4359



41.6840, -20.5502, 58.1591



51.5320, 9.5977, -45.1936

Complementary

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



30.9420, 72.0066, 4.4359



146.0580, -72.0066, -4.4359

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.



42.8510, -21.1255, -37.5803



30.9420, 72.0066, 4.4359



48.1100, -23.7182, 0.7805

Square

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



30.9420, 72.0066, 4.4359



44.8500, -22.1110, 92.2166



39.9160, -19.6786, -35.0063



61.7290, 41.0526, -54.1363

Rectangle

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



30.9420, 72.0066, 4.4359



56.6310, 3.6329, 95.0396



39.9160, -19.6786, -35.0063



48.4540, -2.1958, -42.4942

Sweetspot

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



30.9420, 72.0066, 4.4359



173.0520, 28.0754, 1.7084



103.5320, 36.2197, -90.7976



80.4790, 17.0189, 1.3339



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.9420, 72.0066, 4.4359



40.2730, 93.5354, 5.8996



57.2540, 59.0348, 58.5362



81.6240, 3.6364, 0.3298



26.7110, 62.2605, 3.7615



4.4590, 10.6197, 0.4745

Inverse Universe

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



68.9970, 35.4975, 94.7186



89.6320, 46.0304, 123.1027



119.7460, -59.0348, -58.5362



83.4890, 1.7309, 4.8331



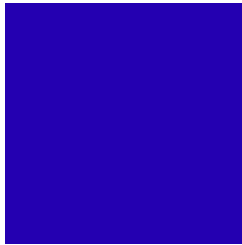
59.6550, 30.7361, 81.8636



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 30.9420, 72.0066, 4.4359 looks on a white background.

Color Contrast Check

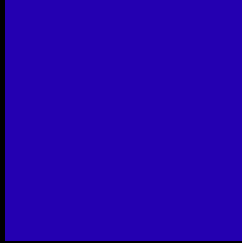
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 30.9420, 72.0066, 4.4359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

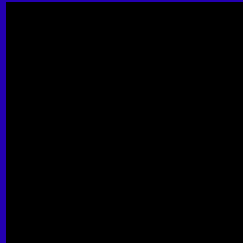
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.9420, 72.0066, 4.4359

Background



This preview shows how black text looks on a background with the YUV color 30.9420, 72.0066, 4.4359.



This preview shows how white text looks on a background with the YUV color 30.9420, 72.0066,

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



Protanopia

44.5800, 33.7311, -39.0967

Deuteranopia

44.9900, 25.1479, -39.4562

Tritanopia

43.8040, 10.4496, -38.4161

Trichromacy



Protanomaly

39.3490, 47.6489, -23.1081

Deuteranomaly

39.8560, 41.9760, -23.5527

Tritanomaly

38.8640, 33.0980, -22.6827

Monochromacy



Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.1830, 26.0388, 1.5935

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.9420, 72.0066, 4.4359 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(36, 0, 177)` looks like.

```
.text, #text, p{  
    color:rgb(36, 0, 177)  
}
```

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(36, 0, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 0, 177) }
```

Border

The CSS property to change the border of an element to YUV 30.9420, 72.0066, 4.4359 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(36, 0, 177) }
```

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

```
.border{ border-color:rgb(36, 0, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 0, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 0, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 0, 177);  
box-shadow:4px 4px 4px 4px rgb(36, 0, 177)  
}
```


Background

The CSS property to change the background color of an element to YUV 30.9420, 72.0066, 4.4359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 0, 177) }
```

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

```
.background{ background-color: rgb(36, 0,  
177) }
```

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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