

Converting Colors

YUV(27.6810, 71.1493, -0.5972)

Have a look what the booklet for
YUV(27.6810, 71.1493, -0.5972)
contains.

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Color

**YUV(27.6810, 71.1493,
-0.5972)**

Conversions

Conversions Part 1

Format	Color
Hex	1B00AC
RGB	27, 0, 172
RGB Percent	11%, 0%, 67%
CMY	0.8941, 1.0000, 0.3255
CMYK	0.84, 1.00, 0.00, 0.33
HSL	249°, 100%, 34%
HSV	249°, 100%, 67%
XYZ	7.8984, 3.2116, 39.2333
YIQ	27.6810, -39.1200, 59.2160

Conversions

Conversions Part 2

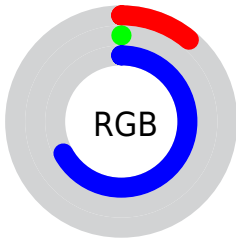
Format	Color
RYB	27, 0, 172
Decimal	1769644
CIELab	20.87, 59.26, -78.75
CIELCh	21, 98.553, 306.963
Yxy	3.2116, 0.1569, 0.0638
Android (android.graphics.Color)	4279959724 (0xFF1B00AC)
YUV	27.6810, 71.1493, -0.5972
Hunter-Lab	17.9209, 47.3101, -117.2564

Details

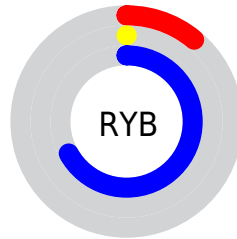
The YUV color **27.6810, 71.1493, -0.5972** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **144.3190, -71.1493, 0.5972**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.4220, 67.3330, 10.1539**, and **13.4520, 51.5422, -11.7974** is the 20% darker color. If you saturate the color by 10%, you get **27.6810, 71.1493, -0.5972**, and if you desaturate by 10%, it is **41.8460, 64.1659, -0.7419**.

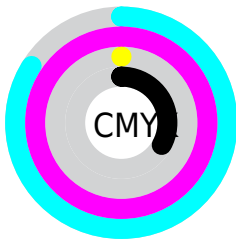
Distribution



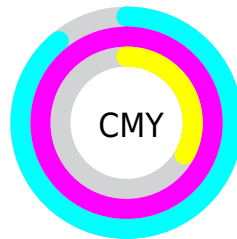
- Red (11%)
- Green (0%)
- Blue (67%)



- Red (11%)
- Yellow (0%)
- Blue (67%)



- Cyan (84%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (89%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.6810, 71.1493, -0.5972 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 27.6810, 71.1493, -0.5972 by changing the saturation by 10% instead.

■ 27.6810, 71.1493,
-0.5972

■ 27.6810, 71.1493,
-0.5972

■ 252.6520, 1.1576,
2.0592

■ 16.5300, 63.3357,
-14.4968

■ 92.4220, 67.3330,
10.1539

■ 13.4520, 51.5422,
-11.7974

■ 119.3300, 66.8853,
13.7426

■ 10.4880, 40.1854,
-9.1980

■ 143.8610, 54.7915,
19.4159

■ 11.7470, 27.2397,
-10.3021

■ 168.6800, 42.5558,
23.9596

■ 6.7770, 18.3509,
-5.9434

■ 193.7980, 30.1726,
29.1182

■ 3.2090, 9.7570,
-2.8143

■ 218.6060, 17.9422,

■ 0.0000, 0.0000,

31.9175

0.0000

■ 235.6290, 9.5499,
16.9884

■ 27.6810, 71.1493,
-0.5972

■ 41.8460, 64.1659,
-0.7419

■ 56.3100, 57.0352,
-0.2719

■ 71.0620, 49.7624,
-0.9314

■ 85.5260, 42.6317,
-0.4613

■ 99.6910, 35.6483,
-0.6060

■ 114.1550, 28.5176,
-0.1359

■ 128.6190, 21.3868,
0.3341

■ 143.3710, 14.1141,
-0.3254

■ 157.8350, 6.9833,
0.1447

Harmonies

Analogous

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



58.9490, 71.0171, -51.6983



27.6810, 71.1493, -0.5972



54.2860, 26.9740, 75.1712

Triad

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



27.6810, 71.1493, -0.5972



37.8520, -18.6610, 58.8888



49.3150, 8.7187, -43.2493

Complementary

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



27.6810, 71.1493, -0.5972



144.3190, -71.1493, 0.5972

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.



40.5030, -19.9680, -35.5211



27.6810, 71.1493, -0.5972



45.7510, -22.5552, 1.0954

Square

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



27.6810, 71.1493, -0.5972



43.3550, -21.3740, 89.1427



38.1550, -18.8104, -33.4619



59.3980, 39.7368, -52.0920

Rectangle

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



27.6810, 71.1493, -0.5972



54.6090, 3.6438, 91.5509



38.1550, -18.8104, -33.4619



45.7640, -2.3487, -40.1350

Sweetspot

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



27.6810, 71.1493, -0.5972



167.9270, 27.6440, 0.0640



105.3100, 32.8782, -92.3569



78.3540, 16.5875, -0.3105



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



27.6810, 71.1493, -0.5972



36.0010, 92.6835, -0.8779



53.0960, 58.6197, 51.6588



79.3250, 3.7838, -0.2850



24.2760, 61.9819, -0.2421



3.8180, 9.4567, 0.1596

Inverse Universe

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



67.9580, 37.9817, 91.2448



88.5220, 49.5357, 118.8142



118.9040, -58.6197, -51.6588



81.4890, 1.7309, 4.8331



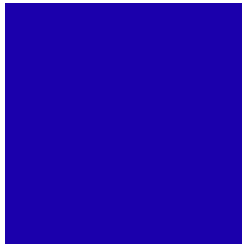
59.3280, 33.3623, 79.5193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 27.6810, 71.1493, -0.5972 looks on a white background.

Color Contrast Check

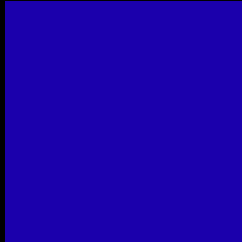
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6810, 71.1493, -0.5972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

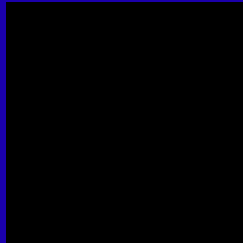
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.6810, 71.1493, -0.5972

Background



This preview shows how black text looks on a background with the YUV color 27.6810, 71.1493, -0.5972.



This preview shows how white text looks on a background with the YUV color 27.6810, 71.1493, -0.5972.

-0.5972.

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

42.2490, 32.4152, -37.0524

Deuteranopia

42.6590, 23.8321, -37.4119

Tritanopia

41.7010, 10.0074, -36.5718

Trichromacy



Protanomaly

36.7080, 46.4860, -23.4229

Deuteranomaly

37.2150, 40.8130, -23.8676

Tritanomaly

36.9240, 32.0825, -23.6123

Monochromacy



Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.0580, 25.6074, -0.0509

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.6810, 71.1493, -0.5972 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(27, 0, 172)` looks like.

```
.text, #text, p{  
    color:rgb(27, 0, 172)  
}
```

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(27, 0, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 0, 172) }
```

Border

The CSS property to change the border of an element to YUV 27.6810, 71.1493, -0.5972 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(27, 0, 172) }
```

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

```
.border{ border-color:rgb(27, 0, 172) }
```

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

Here you see how a box with a 4 pixel rgb(27, 0, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 0, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 0, 172);  
box-shadow:4px 4px 4px 4px rgb(27, 0, 172)  
}
```


Background

The CSS property to change the background color of an element to YUV 27.6810, 71.1493, -0.5972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 0, 172) }
```

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

```
.background{ background-color: rgb(27, 0,  
172) }
```

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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