

Converting Colors

YUV(28.3360, 74.2774,
-23.9737)

Have a look what the booklet for
YUV(28.3360, 74.2774, -23.9737)
contains.

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Color

**YUV(28.3360, 74.2774,
-23.9737)**

Conversions

Conversions Part 1

Format	Color
Hex	010DB3
RGB	1, 13, 179
RGB Percent	0%, 5%, 70%
CMY	0.9961, 0.9490, 0.2980
CMYK	0.99, 0.93, 0.00, 0.30
HSL	236°, 99%, 35%
HSV	236°, 99%, 70%
XYZ	8.2931, 3.5490, 42.8957
YIQ	28.3360, -60.4380, 49.0820

Conversions

Conversions Part 2

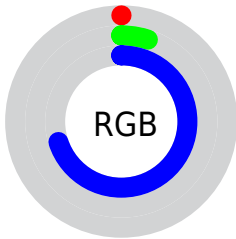
Format	Color
R _Y B	1, 12, 179
Decimal	69043
CIE Lab	22.12, 57.45, -80.89
CIE LCh	22, 99.219, 305.385
Yxy	3.5490, 0.1515, 0.0648
Android (android.graphics.Color)	4278259123 (0xFF010DB3)
YUV	28.3360, 74.2774, -23.9737
Hunter-Lab	18.8387, 45.6110, -121.8162

Details

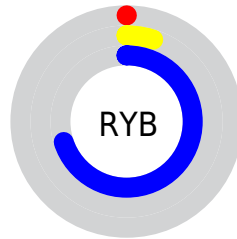
The YUV color **28.3360, 74.2774, -23.9737** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **151.6640, -74.2774, 23.9737**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.9480, 69.5386, 2.6766**, and **14.2500, 54.5998, -12.4972** is the 20% darker color. If you saturate the color by 10%, you get **27.4500, 74.7142, -24.0737**, and if you desaturate by 10%, it is **43.6970, 66.7044, -21.6593**.

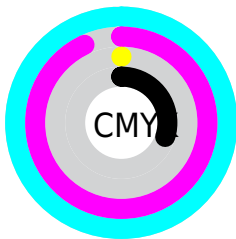
Distribution



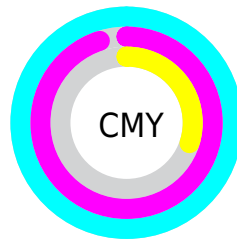
- Red (0%)
- Green (5%)
- Blue (70%)



- Red (0%)
- Yellow (5%)
- Blue (70%)



- Cyan (99%)
- Magenta (93%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (95%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.3360, 74.2774, -23.9737 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 28.3360, 74.2774, -23.9737 by changing the saturation by 10% instead.

■ 28.3360, 74.2774,
-23.9737

■ 28.3360, 74.2774,
-23.9737

255.0000, 0.0000,
0.0000

■ 17.2140, 65.9565,
-15.0967

■ 94.9480, 69.5386,
2.6766

■ 14.2500, 54.5998,
-12.4972

■ 121.6560, 65.7386,
8.1947

■ 11.1720, 42.8062,
-9.7978

■ 146.1870, 53.6448,
13.8680

■ 13.6050, 29.2817,
-11.9316

■ 171.0060, 41.4090,
18.4117

■ 8.0480, 20.6823,
-7.0581

■ 196.1240, 29.0259,
23.5703


■ 3.7790, 11.9410,
-3.3142


■ 221.8290, 16.3533,


■ 0.0000, 0.0000,

28.2140


0.0000


 238.5640, 8.1029,
14.4144


 28.3360, 74.2774,
-23.9737


 28.3360, 74.2774,
-23.9737


 27.4500, 74.7142,
-24.0737

 43.6970, 66.7044,
-21.6593

 58.4710, 59.4208,
-18.8301

 73.8320, 51.8478,
-16.5157

 89.1930, 44.2749,
-14.2013

 103.9670, 36.9913,
-11.3721

■ 119.0290, 29.5657,
-9.6724

■ 134.3900, 21.9927,
-7.3580

■ 149.7510, 14.4198,
-5.0436

■ 164.5250, 7.1362,
-2.2144

Harmonies

Analogous

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



61.9810, 72.4804, -54.3573



28.3360, 74.2774, -23.9737



55.6820, 29.7368, 75.7009

Triad

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



28.3360, 74.2774, -23.9737



37.8850, -18.6773, 64.1219



50.8480, 6.9769, -44.5937

Complementary

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



28.3360, 74.2774, -23.9737



151.6640, -74.2774, 23.9737

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.



42.2640, -20.8362, -37.0655



28.3360, 74.2774, -23.9737



49.0180, -24.1659, 4.3692

Square

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



28.3360, 74.2774, -23.9737



45.1490, -22.2585, 92.8313



39.9160, -19.6786, -35.0063



61.1590, 38.8686, -53.6364

Rectangle

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



28.3360, 74.2774, -23.9737



56.4890, 5.6749, 93.4101



39.9160, -19.6786, -35.0063



47.8840, -4.3798, -41.9943

Sweetspot

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



28.3360, 74.2774, -23.9737



172.9150, 29.1289, -9.5725



124.0680, 19.6865, -107.9306



81.5490, 17.4773, -5.7435



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



28.3360, 74.2774, -23.9737



35.8400, 96.7069, -31.4317



43.4180, 66.8419, 27.6974



81.6130, 3.6418, -1.4146



23.3120, 63.9362, -20.4446



4.1380, 10.7780, -3.6290

Inverse Universe

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



55.5900, -20.9969, 108.2306



71.1920, -27.2097, 141.0286



136.5820, -66.8419, -27.6974



82.8050, -0.8899, 5.4330



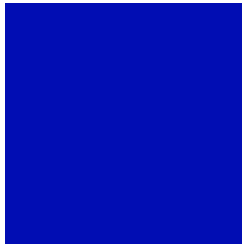
46.8870, -18.1853, 93.0611



8.0020, -2.9590, 15.7842

Previews

White Background



This preview shows how the YUV color 28.3360, 74.2774, -23.9737 looks on a white background.

Color Contrast Check

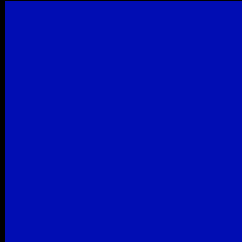
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3360, 74.2774, -23.9737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

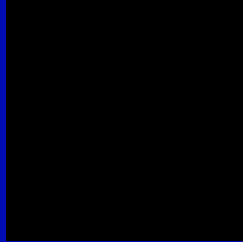
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.3360, 74.2774, -23.9737

Background



This preview shows how black text looks on a background with the YUV color 28.3360, 74.2774, -23.9737.



This preview shows how white text looks on a background with the YUV color 28.3360, 74.2774, -23.9737.

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

28.3360, 74.2774, -23.9737

Protanopia

43.7650, 33.1469, -38.3819

Deuteranopia

44.1750, 24.5637, -38.7415

Trichromacy



Original Color

28.3360, 74.2774, -23.9737

Protanomaly

37.8100, 48.4077, -33.1594

Deuteranomaly

38.3170, 42.7347, -33.6040

Monochromacy



Original Color

28.3360, 74.2774, -23.9737

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.3450, 26.9449, -9.0726

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.3360, 74.2774, -23.9737 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(1, 13, 179)` looks like.

```
.text, #text, p{  
    color:rgb(1, 13, 179)  
}
```

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(1, 13, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 13, 179) }
```

Border

The CSS property to change the border of an element to YUV 28.3360, 74.2774, -23.9737 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(1, 13, 179) }
```

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

```
.border{ border-color:rgb(1, 13, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 13, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 13, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 13, 179);  
box-shadow:4px 4px 4px 4px rgb(1, 13, 179)  
}
```


Background

The CSS property to change the background color of an element to YUV 28.3360, 74.2774, -23.9737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 13, 179) }
```

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

```
.background{ background-color: rgb(1, 13,  
179) }
```

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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