

Converting Colors

YUV(49.3070, 94.9976,
-43.2422)

Have a look what the booklet for
YUV(49.3070, 94.9976, -43.2422)
contains.

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Color

**YUV(49.3070, 94.9976,
-43.2422)**

Conversions

Conversions Part 1

Format	Color
Hex	0025F2
RGB	0, 37, 242
RGB Percent	0%, 15%, 95%
CMY	1.0000, 0.8549, 0.0510
CMYK	1.00, 0.85, 0.00, 0.05
HSL	231°, 100%, 47%
HSV	231°, 100%, 95%
XYZ	16.6886, 7.7339, 84.6176
YIQ	49.3070, -87.8570, 55.9110

Conversions

Conversions Part 2

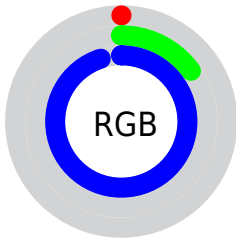
Format	Color
RYB	0, 32, 242
Decimal	9714
CIELab	33.42, 66.95, -98.67
CIELCh	33, 119.239, 304.160
Yxy	7.7339, 0.1530, 0.0709
Android (android.graphics.Color)	4278199794 (0xFF0025F2)
YUV	49.3070, 94.9976, -43.2422
Hunter-Lab	27.8100, 58.4493, -160.9352

Details

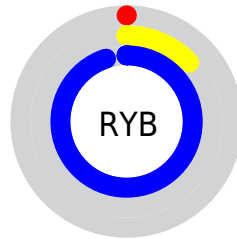
The YUV color **49.3070, 94.9976, -43.2422** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **192.6930, -94.9976, 43.2422**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9970, 68.5285, 0.0026**, and **20.9760, 80.3708, -18.3960** is the 20% darker color. If you saturate the color by 10%, you get **49.3070, 94.9976, -43.2422**, and if you desaturate by 10%, it is **68.2230, 85.6721, -38.7836**.

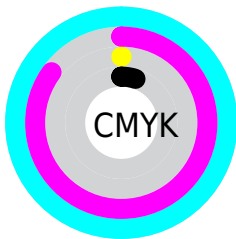
Distribution



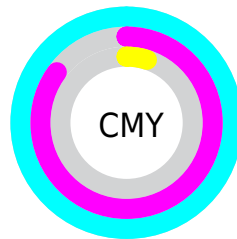
- Red (0%)
- Green (15%)
- Blue (95%)



- Red (0%)
- Yellow (13%)
- Blue (95%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (85%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.3070, 94.9976, -43.2422 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 49.3070, 94.9976, -43.2422 by changing the saturation by 10% instead.

■ 49.3070, 94.9976,
-43.2422

■ 49.3070, 94.9976,
-43.2422

■ 255.0000, 0.0000,
0.0000

■ 27.8040, 91.3016,
-24.3841

■ 115.9970, 68.5285,
0.0026

■ 20.9760, 80.3708,
-18.3960

■ 141.7240, 55.8451,
8.1351

■ 17.7840, 68.1405,
-15.5966

■ 167.4400, 43.1671,
14.5231

■ 14.7060, 56.3469,
-12.8972

■ 193.1560, 30.4891,
20.9112

■ 21.0200, 39.9231,
-18.4345

■ 219.1600, 17.6691,
26.1697

■ 14.6480, 30.7395,
-12.8463

■ 237.3900, 8.6817,

■ 9.0910, 22.1401,

15.4440

-7.9728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 49.3070, 94.9976,
-43.2422

■ 68.2230, 85.6721,
-38.7836

■ 87.7260, 76.0571,
-34.8397

■ 106.9410, 66.5841,
-29.7663

■ 126.4440, 56.9691,
-25.8224

■ 145.3600, 47.6435,
-21.3637

■ 164.8630, 38.0285,
-17.4199

■ 183.7790, 28.7030,
-12.9612

■ 203.5810, 18.9406,
-8.4025

■ 222.4970, 9.6150,
-3.9439

Harmonies

Analogous

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



84.2480, 84.1807, -73.8855



49.3070, 94.9976, -43.2422



75.5060, 43.6275, 100.4112

Triad

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



49.3070, 94.9976, -43.2422



60.1560, -29.6569, 85.8092



72.5960, 9.0732, -63.6667

Complementary

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



49.3070, 94.9976, -43.2422



192.6930, -94.9976, 43.2422

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.



60.4610, -29.8073, -53.0243



49.3070, 94.9976, -43.2422



72.9620, -35.9703, 10.5573

Square

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



49.3070, 94.9976, -43.2422



61.8930, -30.5132, 127.2588



57.5260, -28.3603, -50.4503



85.1870, 49.7008, -74.7090

Rectangle

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



49.3070, 94.9976, -43.2422



77.4080, 12.1239, 125.0532



57.5260, -28.3603, -50.4503



68.1330, -5.4886, -59.7526

Sweetspot

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



49.3070, 94.9976, -43.2422



194.1210, 30.0133, -13.2611



165.0820, 18.2006, -144.7769



91.3530, 18.0670, -8.2026



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.



49.3070, 94.9976, -43.2422



51.9630, 100.0972, -45.5716



51.8070, 93.7651, 25.6023



110.5420, 4.6628, -2.2293



37.4120, 72.2679, -32.8103



11.6670, 21.8562, -10.2320

Inverse Universe

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



76.5760, -19.5110, 145.0768



80.6910, -20.5537, 152.8690



190.1930, -93.7651, -25.6023



111.8160, -0.8953, 7.1774



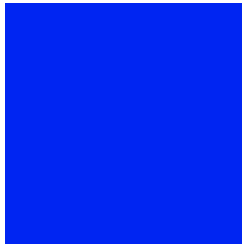
58.2080, -14.8925, 110.3196



17.7700, -4.3236, 33.5277

Previews

White Background



This preview shows how the YUV color 49.3070, 94.9976, -43.2422 looks on a white background.

Color Contrast Check

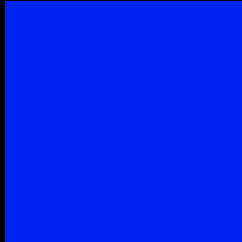
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.3070, 94.9976, -43.2422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

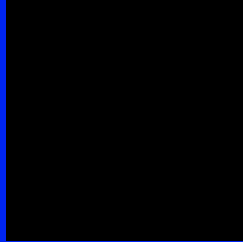
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.3070, 94.9976, -43.2422

Background



This preview shows how black text looks on a background with the YUV color 49.3070, 94.9976, -43.2422.



This preview shows how white text looks on a background with the YUV color 49.3070, 94.9976, -43.2422.

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

49.3070, 94.9976, -43.2422

Protanopia

62.7380, 47.4572, -55.0212

Deuteranopia

62.8230, 35.0903, -55.0958



Tritanopia

61.4430, 14.5716, -53.8855

Trichromacy



Original Color

49.3070, 94.9976, -43.2422

Protanomaly

57.9400, 64.6126, -50.8134

Deuteranomaly

57.8770, 56.7556, -50.7581

Tritanomaly

57.1470, 43.8045, -50.1179

Monochromacy



Original Color

49.3070, 94.9976, -43.2422

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.2500, 34.3867, -16.0053

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3070, 94.9976, -43.2422 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(0, 37, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 242)  
}
```

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(0, 37, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 242) }
```

Border

The CSS property to change the border of an element to YUV 49.3070, 94.9976, -43.2422 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(0, 37, 242) }
```


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

```
.border{ border-color:rgb(0, 37, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 37, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 37, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 37, 242)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.3070, 94.9976, -43.2422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 37, 242) }
```

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

```
.background{ background-color: rgb(0, 37,  
242) }
```

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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