

Converting Colors

YUV(52.0970, 69.9582,
-38.6731)

Have a look what the booklet for
YUV(52.0970, 69.9582, -38.6731)
contains.

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Color

**YUV(52.0970, 69.9582,
-38.6731)**

Conversions

Conversions Part 1

Format	Color
Hex	082FC2
RGB	8, 47, 194
RGB Percent	3%, 18%, 76%
CMY	0.9686, 0.8157, 0.2392
CMYK	0.96, 0.76, 0.00, 0.24
HSL	227°, 92%, 40%
HSV	227°, 96%, 76%
XYZ	10.8543, 5.9797, 51.6211
YIQ	52.0970, -70.4310, 37.4490

Conversions

Conversions Part 2

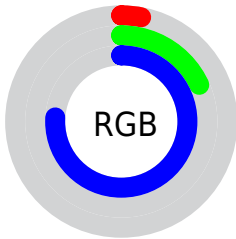
Format	Color
R _Y B	8, 40, 194
Decimal	536514
CIE Lab	29.36, 47.06, -77.74
CIE LCh	29, 90.875, 301.188
Yxy	5.9797, 0.1586, 0.0874
Android (android.graphics.Color)	4278726594 (0xFF082FC2)
YUV	52.0970, 69.9582, -38.6731
Hunter-Lab	24.4534, 36.4382, -108.0435

Details

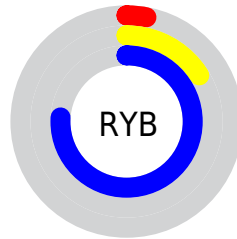
The YUV color **52.0970, 69.9582, -38.6731** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **149.9030, -69.9582, 38.6731**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.4040, 67.8348, -10.8783**, and **18.7810, 59.2680, -16.4709** is the 20% darker color. If you saturate the color by 10%, you get **46.1830, 72.8738, -40.5025**, and if you desaturate by 10%, it is **66.5830, 62.8166, -34.7143**.

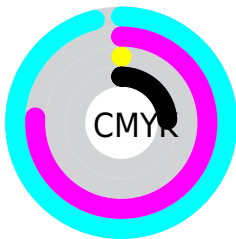
Distribution



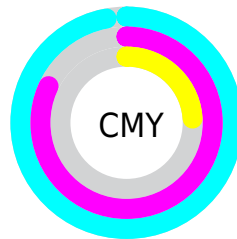
- Red (3%)
- Green (18%)
- Blue (76%)



- Red (3%)
- Yellow (16%)
- Blue (76%)



- Cyan (96%)
- Magenta (76%)
- Yellow (0%)
- Black (24%)



- Cyan (97%)
- Magenta (82%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.0970, 69.9582, -38.6731 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 52.0970, 69.9582, -38.6731 by changing the saturation by 10% instead.

■ 52.0970, 69.9582,
-38.6731

■ 52.0970, 69.9582,
-38.6731

■ 255.0000, 0.0000,
0.0000

■ 33.5990, 65.2737,
-29.4663

■ 114.4040, 67.8348,
-10.8783

■ 18.7810, 59.2680,
-16.4709

■ 138.9890, 57.1934,
-4.3754

■ 12.7680, 48.9214,
-11.1975

■ 163.5200, 45.0996,
1.2980

■ 16.3750, 34.8181,
-14.3609

■ 188.6380, 32.7165,
6.4565

■ 10.5900, 25.3451,
-9.2874

■ 214.3430, 20.0439,
11.1002

■ 6.3210, 16.6037,
-5.5435

■ 239.1510, 7.8136,

■ 2.5250, 7.1362,

13.8996

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 52.0970, 69.9582,
-38.6731

■ 52.0970, 69.9582,
-38.6731

■ 46.1830, 72.8738,
-40.5025

■ 66.5830, 62.8166,
-34.7143

■ 81.9550, 55.2382,
-30.6555

■ 96.4410, 48.0966,
-26.6968

■ 111.2260, 40.8076,
-22.1232

■ 126.2990, 33.3766,
-18.6792

■ 140.7850, 26.2350,
-14.7204

■ 155.5700, 18.9460,
-10.1469

■ 170.6430, 11.5150,
-6.7029

■ 185.4280, 4.2260,
-2.1294

Harmonies

Analogous

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



72.1710, 70.9077, -63.2940



52.0970, 69.9582, -38.6731



60.0980, 38.8987, 77.0901

Triad

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



52.0970, 69.9582, -38.6731



56.5130, -27.8609, 69.7101



62.0980, 4.3887, -54.4599

Complementary

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



52.0970, 69.9582, -38.6731



149.9030, -69.9582, 38.6731

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.



52.2430, -25.7558, -45.8171



52.0970, 69.9582, -38.6731



65.3200, -32.2028, 15.5054

Square

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



52.0970, 69.9582, -38.6731



51.1290, -25.2066, 105.1269



49.3080, -24.3088, -43.2431



71.3660, 34.8226, -62.5880

Rectangle

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



52.0970, 69.9582, -38.6731



62.9270, 14.8260, 98.2880



49.3080, -24.3088, -43.2431



58.5470, -6.6787, -51.3457

Sweetspot

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



52.0970, 69.9582, -38.6731



196.7140, 27.2560, -15.5352



133.8260, 9.9458, -110.3494



93.4130, 17.0514, -9.1322



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.



52.0970, 69.9582, -38.6731



59.8390, 94.7354, -52.4788



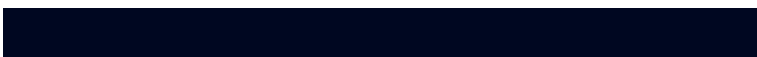
45.0510, 73.4319, 13.9873



89.3140, 3.7892, -2.0294



38.3120, 60.4852, -33.5996



7.8710, 12.3886, -6.9029

Inverse Universe

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



68.0600, -10.3826, 110.4494



81.3900, -13.9963, 149.6250



156.9490, -73.4319, -13.9873



90.2180, -0.6005, 5.9478



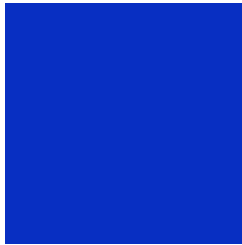
52.0150, -8.8814, 95.5798



10.6650, -1.8068, 19.5878

Previews

White Background



This preview shows how the YUV color 52.0970, 69.9582, -38.6731 looks on a white background.

Color Contrast Check

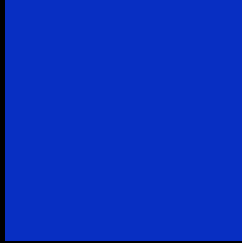
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.0970, 69.9582, -38.6731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

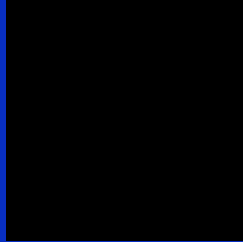
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.0970, 69.9582, -38.6731

Background



This preview shows how black text looks on a background with the YUV color 52.0970, 69.9582, -38.6731.



This preview shows how white text looks on a background with the YUV color 52.0970, 69.9582, -38.6731.

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

52.0970, 69.9582, -38.6731

Protanopia

55.2890, 41.7625, -48.4885

Deuteranopia

55.2430, 31.4322, -48.4481

Trichromacy



Original Color

52.0970, 69.9582, -38.6731

Protanomaly

54.3570, 52.0820, -45.0401

Deuteranomaly

53.9350, 45.3880, -44.6700

Monochromacy



Original Color

52.0970, 69.9582, -38.6731

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9700, 25.6508, -14.0057

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.0970, 69.9582, -38.6731 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(8, 47, 194)` looks like.

```
.text, #text, p{  
    color:rgb(8, 47, 194)  
}
```

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(8, 47, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 47, 194) }
```

Border

The CSS property to change the border of an element to YUV 52.0970, 69.9582, -38.6731 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(8, 47, 194) }
```

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

```
.border{ border-color:rgb(8, 47, 194) }
```

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

Here you see how a box with a 4 pixel rgb(8, 47, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 47, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 47, 194);  
box-shadow:4px 4px 4px 4px rgb(8, 47, 194)  
}
```


Background

The CSS property to change the background color of an element to YUV 52.0970, 69.9582, -38.6731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 47, 194) }
```

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

```
.background{ background-color: rgb(8, 47,  
194) }
```

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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