

Converting Colors

YUV(56.8460, 70.5749,
-49.8539)

Have a look what the booklet for
YUV(56.8460, 70.5749, -49.8539)
contains.

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Color

**YUV(56.8460, 70.5749,
-49.8539)**

Conversions

Conversions Part 1

Format	Color
Hex	003AC8
RGB	0, 58, 200
RGB Percent	0%, 23%, 78%
CMY	1.0000, 0.7725, 0.2157
CMYK	1.00, 0.71, 0.00, 0.22
HSL	223°, 100%, 39%
HSV	223°, 100%, 78%
XYZ	11.9384, 7.1962, 55.4034
YIQ	56.8460, -80.1500, 31.8660

Conversions

Conversions Part 2

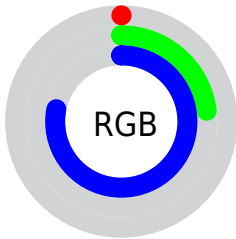
Format	Color
RYB	0, 45, 200
Decimal	15048
CIELab	32.25, 42.43, -76.48
CIELCh	32, 87.462, 299.021
Yxy	7.1962, 0.1602, 0.0965
Android (android.graphics.Color)	4278205128 (0xFF003AC8)
YUV	56.8460, 70.5749, -49.8539
Hunter-Lab	26.8258, 32.4933, -103.6736

Details

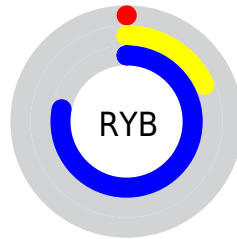
The YUV color **56.8460, 70.5749, -49.8539** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **143.1540, -70.5749, 49.8539**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9040, 66.1093, -17.4558**, and **26.5090, 58.4161, -23.2484** is the 20% darker color. If you saturate the color by 10%, you get **56.8460, 70.5749, -49.8539**, and if you desaturate by 10%, it is **71.0440, 63.5753, -44.7656**.

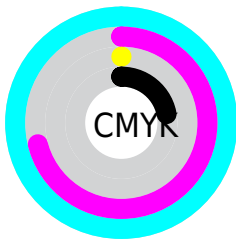
Distribution



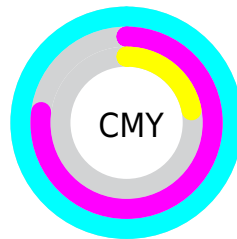
- Red (0%)
- Green (23%)
- Blue (78%)



- Red (0%)
- Yellow (18%)
- Blue (78%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (77%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.8460, 70.5749, -49.8539 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 56.8460, 70.5749, -49.8539 by changing the saturation by 10% instead.

■ 56.8460, 70.5749,
-49.8539

■ 56.8460, 70.5749,
-49.8539

■ 255.0000, 0.0000,
0.0000

■ 40.7400, 64.7112,
-35.7290

■ 120.9040, 66.1093,
-17.4558

■ 26.5090, 58.4161,
-23.2484

■ 145.7340, 53.8681,
-11.1677

■ 13.4520, 51.5422,
-11.7974

■ 170.5640, 41.6269,
-4.8796

■ 14.5970, 38.1597,
-12.8016

■ 195.6820, 29.2438,
0.2789

■ 11.8610, 27.6765,
-10.4021

■ 221.3870, 16.5712,
4.9226

■ 6.7770, 18.3509,
-5.9434

■ 246.1950, 4.3409,

■ 3.2090, 9.7570,

7.7220

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 56.8460, 70.5749,
-49.8539

■ 71.0440, 63.5753,
-44.7656

■ 85.2420, 56.5757,
-39.6772

■ 100.0270, 49.2867,
-35.1037

■ 114.2250, 42.2871,
-30.0153

■ 128.4230, 35.2875,
-24.9270

■ 142.6210, 28.2878,
-19.8386

■ 156.8190, 21.2882,
-14.7503

■ 171.6040, 13.9992,
-10.1767

■ 185.8020, 6.9996,
-5.0884

Harmonies

Analogous

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



76.5080, 69.7556, -67.0975



56.8460, 70.5749, -49.8539



61.7220, 42.5351, 77.4198

Triad

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



56.8460, 70.5749, -49.8539



63.6120, -31.3607, 72.2543



66.3210, 2.7997, -58.1635

Complementary

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



56.8460, 70.5749, -49.8539



143.1540, -70.5749, 49.8539

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.



56.3520, -27.7815, -49.4207



56.8460, 70.5749, -49.8539



71.5550, -35.2766, 21.4383

Square

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



56.8460, 70.5749, -49.8539



55.2310, -19.8339, 108.5454



54.0260, -26.6348, -43.8728



75.4750, 32.7968, -66.1916

Rectangle

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



56.8460, 70.5749, -49.8539



65.0780, 19.1885, 99.0326



54.0260, -26.6348, -43.8728



62.8840, -7.8308, -55.1493

Sweetspot

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



56.8460, 70.5749, -49.8539



200.5780, 26.8300, -18.9239



133.3600, 3.2735, -116.9567



94.8750, 16.3306, -11.2914



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.



56.8460, 70.5749, -49.8539



72.5080, 89.9686, -63.5895



34.7600, 81.4633, 4.5955



92.2000, 3.3524, -1.9294



46.1710, 57.5967, -40.4920



9.9740, 12.8308, -8.7472

Inverse Universe

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



66.4120, -4.1471, 117.1567



84.6810, -5.2657, 149.3698



165.2400, -81.4633, -4.5955



92.9190, -0.4531, 5.3330



54.0950, -3.4978, 95.5097



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 56.8460, 70.5749, -49.8539 looks on a white background.

Color Contrast Check

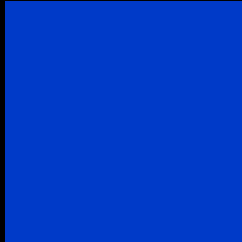
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.8460, 70.5749, -49.8539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

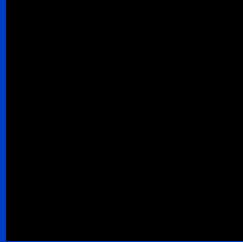
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.8460, 70.5749, -49.8539

Background



This preview shows how black text looks on a background with the YUV color 56.8460, 70.5749, -49.8539.



This preview shows how white text looks on a background with the YUV color 56.8460, 70.5749, -49.8539.

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

56.8460, 70.5749, -49.8539

Protanopia

60.4070, 46.1413, -52.9769

Deuteranopia

60.7200, 34.6480, -53.2514



Tritanopia

59.4540, 14.5662, -52.1412

Trichromacy



Original Color

56.8460, 70.5749, -49.8539

Protanomaly

59.4100, 55.0139, -52.1026

Deuteranomaly

59.4610, 47.5937, -52.1473

Tritanomaly

58.7310, 34.6426, -51.5071

Monochromacy



Original Color

56.8460, 70.5749, -49.8539

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.6490, 25.8090, -18.1092

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.8460, 70.5749, -49.8539 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, 58, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 58, 200)  
}
```

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, 58, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 58, 200) }
```

Border

The CSS property to change the border of an element to YUV 56.8460, 70.5749, -49.8539 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, 58, 200) }
```


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

```
.border{ border-color:rgb(0, 58, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 58, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 58, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 58, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 58, 200)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.8460, 70.5749, -49.8539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 58, 200) }
```

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

```
.background{ background-color: rgb(0, 58,  
200) }
```

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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