

Converting Colors

YUV(51.1460, 68.9480,
-41.3470)

Have a look what the booklet for
YUV(51.1460, 68.9480, -41.3470)
contains.

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Color

**YUV(51.1460, 68.9480,
-41.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	0430BF
RGB	4, 48, 191
RGB Percent	2%, 19%, 75%
CMY	0.9843, 0.8118, 0.2510
CMYK	0.98, 0.75, 0.00, 0.25
HSL	226°, 96%, 38%
HSV	226°, 98%, 75%
XYZ	10.5110, 5.9013, 49.8753
YIQ	51.1460, -72.1270, 35.1450

Conversions

Conversions Part 2

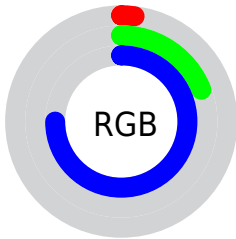
Format	Color
R _Y B	4, 40, 191
Decimal	274623
CIE Lab	29.16, 45.33, -76.31
CIE LCh	29, 88.756, 300.714
Yxy	5.9013, 0.1586, 0.0890
Android (android.graphics.Color)	4278464703 (0xFF0430BF)
YUV	51.1460, 68.9480, -41.3470
Hunter-Lab	24.2926, 34.7218, -104.7238

Details

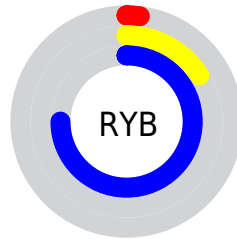
The YUV color **51.1460, 68.9480, -41.3470** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **143.8540, -68.9480, 41.3470**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.0510, 66.5299, -12.3227**, and **19.6130, 57.3788, -17.2006** is the 20% darker color. If you saturate the color by 10%, you get **48.1890, 70.4058, -42.2618**, and if you desaturate by 10%, it is **65.6320, 61.8064, -37.3883**.

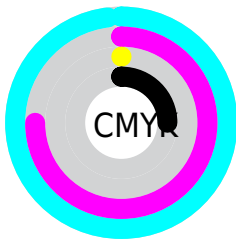
Distribution



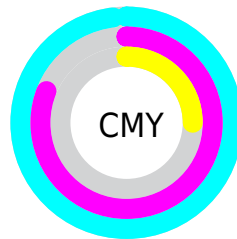
- Red (2%)
- Green (19%)
- Blue (75%)



- Red (2%)
- Yellow (16%)
- Blue (75%)



- Cyan (98%)
- Magenta (75%)
- Yellow (0%)
- Black (25%)



- Cyan (98%)
- Magenta (81%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.1460, 68.9480, -41.3470 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 51.1460, 68.9480, -41.3470 by changing the saturation by 10% instead.

■ 51.1460, 68.9480,
-41.3470

■ 51.1460, 68.9480,
-41.3470

■ 255.0000, 0.0000,
0.0000

■ 33.8440, 63.6739,
-29.6812

■ 114.0510, 66.5299,
-12.3227

■ 19.6130, 57.3788,
-17.2006

■ 138.9780, 57.1988,
-6.1197

■ 12.5400, 48.0478,
-10.9976

■ 163.5090, 45.1051,
-0.4464

■ 16.0330, 33.5077,
-14.0609

■ 188.6270, 32.7219,
4.7121

■ 10.3620, 24.4715,
-9.0875

■ 214.0330, 20.1967,
8.7411

■ 5.3920, 15.5827,
-4.7288

■ 239.7380, 7.5242,

■ 2.1830, 5.8258,

13.3848

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 51.1460, 68.9480,
-41.3470

■ 51.1460, 68.9480,
-41.3470

■ 48.1890, 70.4058,
-42.2618

■ 65.6320, 61.8064,
-37.3883

■ 79.5310, 54.9542,
-32.9147

■ 94.0170, 47.8126,
-28.9559

■ 107.9160, 40.9604,
-24.4823

■ 122.7010, 33.6714,
-19.9088

■ 137.1870, 26.5298,
-15.9500

■ 151.0860, 19.6776,
-11.4764

■ 165.5720, 12.5360,
-7.5176

■ 179.4710, 5.6838,
-3.0441

Harmonies

Analogous

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



71.7150, 69.1605, -62.8941



51.1460, 68.9480, -41.3470



59.0870, 38.9041, 75.3457

Triad

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



51.1460, 68.9480, -41.3470



56.2140, -27.7135, 69.0953



61.2830, 3.8045, -53.7452

Complementary

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



51.1460, 68.9480, -41.3470



143.8540, -68.9480, 41.3470

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



51.1460, 68.9480, -41.3470



65.0320, -32.0608, 16.6349

Square

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



51.1460, 68.9480, -41.3470



50.5310, -24.9118, 103.8973



48.7210, -24.0195, -42.7283



70.4370, 33.8016, -61.7732

Rectangle

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



51.1460, 68.9480, -41.3470



62.0300, 15.2682, 96.4437



48.7210, -24.0195, -42.7283



57.8460, -6.8261, -50.7309

Sweetspot

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



51.1460, 68.9480, -41.3470



193.4860, 26.3824, -15.3352



129.7290, 7.0356, -110.2643



92.4730, 16.0358, -10.0618



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



51.1460, 68.9480, -41.3470



62.2040, 91.1044, -54.5529



39.3710, 74.7531, 10.1986



87.2000, 3.3524, -1.9294



39.7310, 58.3066, -34.8441



7.6430, 11.5150, -6.7029

Inverse Universe

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



64.9290, -8.3460, 110.5643



80.4650, -11.0752, 146.0512



155.6290, -74.7531, -10.1986



87.9190, -0.4531, 5.3330



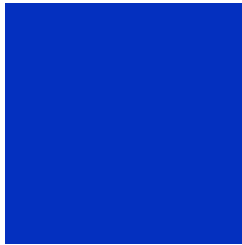
51.4600, -7.1288, 93.4356



10.0670, -1.5120, 18.3582

Previews

White Background



This preview shows how the YUV color 51.1460, 68.9480, -41.3470 looks on a white background.

Color Contrast Check

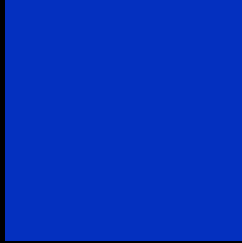
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.1460, 68.9480, -41.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

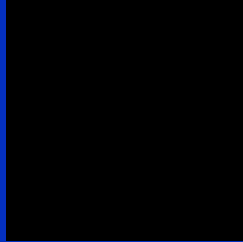
Any Text WCAG AA × Fail

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 51.1460, 68.9480, -41.3470 Background



This preview shows how black text looks on a background with the YUV color 51.1460, 68.9480, -41.3470.



This preview shows how white text looks on a background with the YUV color 51.1460, 68.9480, -41.3470.

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

51.1460, 68.9480, -41.3470

Protanopia

54.7020, 42.0519, -47.9737

Deuteranopia

55.2430, 31.4322, -48.4481

Trichromacy



Original Color

51.1460, 68.9480, -41.3470

Protanomaly

53.0580, 52.2294, -45.6549

Deuteranomaly

53.8100, 44.9567, -46.3144

Monochromacy



Original Color

51.1460, 68.9480, -41.3470

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.1440, 25.0720, -15.0353

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.1460, 68.9480, -41.3470 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(4, 48, 191)` looks like.

```
.text, #text, p{  
    color:rgb(4, 48, 191)  
}
```

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(4, 48, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 48, 191) }
```

Border

The CSS property to change the border of an element to YUV 51.1460, 68.9480, -41.3470 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(4, 48, 191) }
```

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

```
.border{ border-color:rgb(4, 48, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 48, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 48, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 48, 191);  
box-shadow:4px 4px 4px 4px rgb(4, 48, 191)  
}
```


Background

The CSS property to change the background color of an element to YUV 51.1460, 68.9480, -41.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 48, 191) }
```

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

```
.background{ background-color: rgb(4, 48,  
191) }
```

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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