

Converting Colors

YUV(68.4380, 69.2971,
-60.0201)

Have a look what the booklet for
YUV(68.4380, 69.2971, -60.0201)
contains.

YUV(68.4380, 69.2971, -60.0201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(68.4380, 69.2971,
-60.0201)**

Conversions

Conversions Part 1

Format	Color
Hex	004CD1
RGB	0, 76, 209
RGB Percent	0%, 30%, 82%
CMY	1.0000, 0.7020, 0.1804
CMYK	1.00, 0.64, 0.00, 0.18
HSL	218°, 100%, 41%
HSV	218°, 100%, 82%
XYZ	14.0931, 9.7723, 61.4651
YIQ	68.4380, -87.9890, 25.2510

Conversions

Conversions Part 2

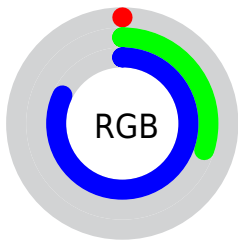
Format	Color
R _{YB}	0, 56, 209
Decimal	19665
CIE Lab	37.43, 34.34, -73.17
CIE LCh	37, 80.827, 295.140
Yxy	9.7723, 0.1652, 0.1145
Android (android.graphics.Color)	4278209745 (0xFF004CD1)
YUV	68.4380, 69.2971, -60.0201
Hunter-Lab	31.2607, 25.7657, -94.6939

Details

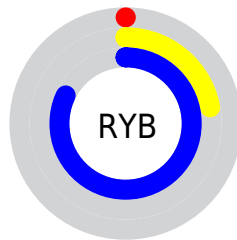
The YUV color **68.4380, 69.2971, -60.0201** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **140.5620, -69.2971, 60.0201**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.3560, 60.4635, -26.6222**, and **37.4000, 56.9908, -32.7998** is the 20% darker color. If you saturate the color by 10%, you get **68.4380, 69.2971, -60.0201**, and if you desaturate by 10%, it is **82.3480, 62.4394, -53.8022**.

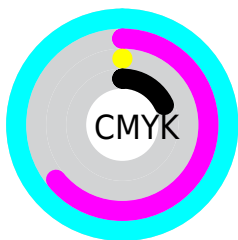
Distribution



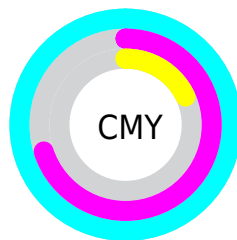
- Red (0%)
- Green (30%)
- Blue (82%)



- Red (0%)
- Yellow (22%)
- Blue (82%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (70%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.4380, 69.2971, -60.0201 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 68.4380, 69.2971, -60.0201 by changing the saturation by 10% instead.

■ 68.4380, 69.2971,
-60.0201

■ 68.4380, 69.2971,
-60.0201

■ 255.0000, 0.0000,
0.0000

■ 52.3320, 63.4333,
-45.8952

■ 132.3560, 60.4635,
-26.6222

■ 37.4000, 56.9908,
-32.7998

■ 157.4850, 48.0749,
-19.7193

■ 24.3430, 50.1169,
-21.3488

■ 182.6030, 35.6917,
-14.5608

■ 11.5140, 44.1166,
-10.0978

■ 207.7210, 23.3085,
-9.4023

■ 13.8330, 30.1553,
-12.1315

■ 233.4260, 10.6360,
-4.7586

■ 8.2760, 21.5559,
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 68.4380, 69.2971,
-60.0201

■ 82.3480, 62.4394,
-53.8022

■ 96.8450, 55.2924,
-48.0991

■ 110.7550, 48.4348,
-41.8811

■ 124.6650, 41.5772,
-35.6632

■ 138.5750, 34.7195,
-29.4453

■ 152.7730, 27.7199,
-24.3569

■ 166.6830, 20.8623,
-18.1390

■ 180.5930, 14.0047,
-11.9211

■ 195.0900, 6.8576,
-6.2179

Harmonies

Analogous

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



84.4810, 67.3039, -74.0898



68.4380, 69.2971, -60.0201



74.7100, 44.0200, 67.7833

Triad

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



68.4380, 69.2971, -60.0201



76.0380, -37.4867, 77.1427



74.2940, 0.3481, -65.1558

Complementary

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



68.4380, 69.2971, -60.0201



140.5620, -69.2971, 60.0201

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.



63.3960, -31.2542, -55.5983



68.4380, 69.2971, -60.0201



83.1170, -40.9767, 29.7154

Square

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



68.4380, 69.2971, -60.0201



61.7400, -11.7038, 114.2380



74.5470, -36.7517, -18.8967



82.6330, 29.7609, -72.4691

Rectangle

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



68.4380, 69.2971, -60.0201



68.7390, 26.7507, 100.2069



74.5470, -36.7517, -18.8967



71.0850, -9.4089, -62.3415

Sweetspot

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



68.4380, 69.2971, -60.0201



203.5130, 25.3831, -21.4979



137.7310, -2.8254, -120.7901



96.6360, 15.4625, -12.8358



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.



68.4380, 69.2971, -60.0201



83.6610, 84.4701, -73.3707



32.1980, 87.1634, -3.6816



97.6020, 3.6472, -3.1590



54.9590, 55.7292, -48.1990



13.4790, 13.5679, -11.8211

Inverse Universe

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



71.1550, 2.3886, 120.8901



86.8470, 3.0334, 147.4702



176.8020, -87.1634, 3.6816



97.7450, 0.1257, 6.3626



57.1860, 1.8803, 97.1839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 68.4380, 69.2971, -60.0201 looks on a white background.

Color Contrast Check

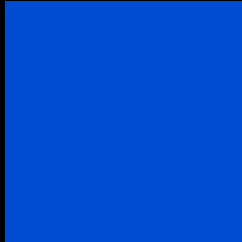
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.4380, 69.2971, -60.0201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

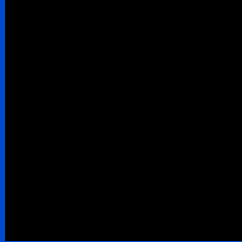
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.4380, 69.2971, -60.0201

Background



This preview shows how black text looks on a background with the YUV color 68.4380, 69.2971, -60.0201.



This preview shows how white text looks on a background with the YUV color 68.4380, 69.2971, -60.0201.

-60.0201.

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

68.4380, 69.2971, -60.0201

Protanopia

70.3010, 53.5886, -61.6540

Deuteranopia

70.2720, 40.7849, -61.6285



Tritanopia

69.2680, 16.6299, -60.7480

Trichromacy



Original Color

68.4380, 69.2971, -60.0201

Protanomaly

69.7940, 59.2616, -61.2093

Deuteranomaly

69.6170, 50.9678, -61.0541

Tritanomaly

69.0180, 35.9801, -60.5288

Monochromacy



Original Color

68.4380, 69.2971, -60.0201

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1000, 25.0937, -22.0127

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.4380, 69.2971, -60.0201 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, 76, 209)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 209)  
}
```

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, 76, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 209) }
```

Border

The CSS property to change the border of an element to YUV 68.4380, 69.2971, -60.0201 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, 76, 209) }
```


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

```
.border{ border-color:rgb(0, 76, 209) }
```

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

Here you see how a box with a 4 pixel rgb(0, 76, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 76, 209);  
box-shadow:4px 4px 4px 4px rgb(0, 76, 209)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.4380, 69.2971, -60.0201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 209) }
```

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

```
.background{ background-color: rgb(0, 76,  
209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor