

Converting Colors

YUV(70.9110, 68.5709,
-60.4349)

Have a look what the booklet for
YUV(70.9110, 68.5709, -60.4349)
contains.

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Color

**YUV(70.9110, 68.5709,
-60.4349)**

Conversions

Conversions Part 1

Format	Color
Hex	024FD2
RGB	2, 79, 210
RGB Percent	1%, 31%, 82%
CMY	0.9922, 0.6902, 0.1765
CMYK	0.99, 0.62, 0.00, 0.18
HSL	218°, 98%, 42%
HSV	218°, 99%, 82%
XYZ	14.4539, 10.2580, 62.1910
YIQ	70.9110, -87.9430, 24.4170

Conversions

Conversions Part 2

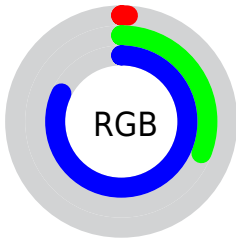
Format	Color
R _Y B	2, 58, 210
Decimal	151506
CIE Lab	38.30, 32.82, -72.32
CIE LCh	38, 79.417, 294.412
Yxy	10.2580, 0.1663, 0.1180
Android (android.graphics.Color)	4278341586 (0xFF024FD2)
YUV	70.9110, 68.5709, -60.4349
Hunter-Lab	32.0281, 24.5055, -92.7073

Details

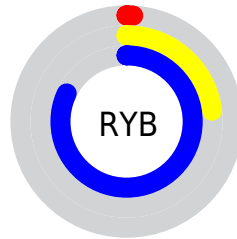
The YUV color **70.9110, 68.5709, -60.4349** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **141.0890, -68.5709, 60.4349**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0030, 59.1585, -28.0666**, and **38.6880, 56.8488, -33.9294** is the 20% darker color. If you saturate the color by 10%, you get **69.7260, 69.1551, -61.1497**, and if you desaturate by 10%, it is **84.8210, 61.7132, -54.2170**.

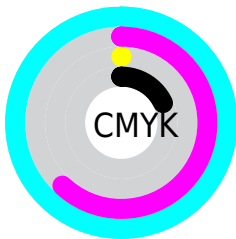
Distribution



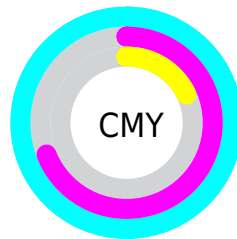
- Red (1%)
- Green (31%)
- Blue (82%)



- Red (1%)
- Yellow (23%)
- Blue (82%)



- Cyan (99%)
- Magenta (62%)
- Yellow (0%)
- Black (18%)



- Cyan (99%)
- Magenta (69%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.9110, 68.5709, -60.4349 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 70.9110, 68.5709, -60.4349 by changing the saturation by 10% instead.

■ 70.9110, 68.5709,
-60.4349

■ 70.9110, 68.5709,
-60.4349

■ 255.0000, 0.0000,
0.0000

■ 54.2070, 63.0019,
-47.5395

■ 135.0030, 59.1585,
-28.0666

■ 38.6880, 56.8488,
-33.9294

■ 159.2460, 47.2067,
-21.2637

■ 25.6310, 49.9749,
-22.4784

■ 184.3640, 34.8235,
-16.1052

■ 11.6280, 44.5534,
-10.1978

■ 209.4820, 22.4404,
-10.9467

■ 13.9470, 30.5921,
-12.2315

■ 235.7740, 9.4784,
-6.8178

■ 8.9770, 21.7033,
-7.8728

■ 4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 70.9110, 68.5709,
-60.4349

■ 70.9110, 68.5709,
-60.4349

■ 69.7260, 69.1551,
-61.1497

■ 84.8210, 61.7132,
-54.2170

■ 98.7310, 54.8556,
-47.9991

■ 113.2280, 47.7086,
-42.2960

■ 127.1380, 40.8510,
-36.0780

■ 141.0480, 33.9933,
-29.8601

■ 154.9580, 27.1357,
-23.6422

■ 169.4550, 19.9887,
-17.9390

■ 183.3650, 13.1311,
-11.7211

■ 197.2750, 6.2734,
-5.5032

Harmonies

Analogous

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



85.6550, 66.7251, -75.1194



70.9110, 68.5709, -60.4349



80.8080, 41.9997, 62.4354

Triad

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



70.9110, 68.5709, -60.4349



78.6960, -38.7971, 77.4426



75.5820, 0.2061, -66.2854

Complementary

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



70.9110, 68.5709, -60.4349



141.0890, -68.5709, 60.4349

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.



64.5700, -31.8330, -56.6279



70.9110, 68.5709, -60.4349



85.4870, -42.1451, 31.1449

Square

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



70.9110, 68.5709, -60.4349



62.4950, -10.1040, 114.4529



77.5150, -38.2149, -16.2377



83.6930, 28.7454, -73.3988

Rectangle

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



70.9110, 68.5709, -60.4349



69.3800, 27.9137, 100.5217



77.5150, -38.2149, -16.2377



72.3730, -9.5509, -63.4711

Sweetspot

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



70.9110, 68.5709, -60.4349



204.1000, 25.0937, -22.0127



138.6880, -4.2832, -119.8754



97.2230, 15.1731, -13.3506



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.



70.9110, 68.5709, -60.4349



84.2480, 84.1807, -73.8855



32.8880, 87.3162, -6.0408



97.6020, 3.6472, -3.1590



55.5460, 55.4398, -48.7138



13.4790, 13.5679, -11.8211

Inverse Universe

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



72.9700, 2.9728, 120.1753



86.9610, 3.4702, 147.3702



179.1120, -87.3162, 6.0408



97.7450, 0.1257, 6.3626



57.3000, 2.3171, 97.0839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 70.9110, 68.5709, -60.4349 looks on a white background.

Color Contrast Check

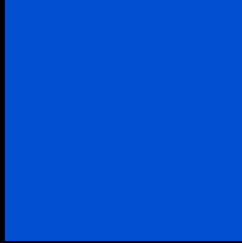
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 70.9110, 68.5709, -60.4349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

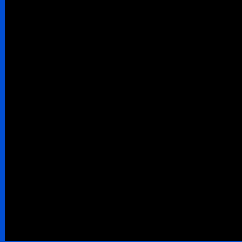
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.9110, 68.5709, -60.4349

Background



This preview shows how black text looks on a background with the YUV color 70.9110, 68.5709, -60.4349.



This preview shows how white text looks on a background with the YUV color 70.9110, 68.5709, -60.4349.

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

70.9110, 68.5709, -60.4349

Protanopia

71.9310, 54.7570, -63.0835

Deuteranopia

71.9020, 41.9533, -63.0581



Tritanopia

70.7840, 17.3615, -62.0776

Trichromacy



Original Color

70.9110, 68.5709, -60.4349

Protanomaly

71.6090, 59.8458, -61.9241

Deuteranomaly

71.4320, 51.5520, -61.7689

Tritanomaly

70.7190, 36.1275, -61.1436

Monochromacy



Original Color

70.9110, 68.5709, -60.4349

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1000, 25.0937, -22.0127

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9110, 68.5709, -60.4349 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(2, 79, 210)` looks like.

```
.text, #text, p{  
    color:rgb(2, 79, 210)  
}
```

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(2, 79, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 79, 210) }
```

Border

The CSS property to change the border of an element to YUV 70.9110, 68.5709, -60.4349 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(2, 79, 210) }
```


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

```
.border{ border-color:rgb(2, 79, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 79, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 79, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 79, 210);  
box-shadow:4px 4px 4px 4px rgb(2, 79, 210)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.9110, 68.5709, -60.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 79, 210) }
```

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

```
.background{ background-color: rgb(2, 79,  
210) }
```

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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