

Converting Colors

YUV(113.0070, 70.0025,
-6.1451)

Have a look what the booklet for
YUV(113.0070, 70.0025, -6.1451)
contains.

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Color

**YUV(113.0070, 70.0025,
-6.1451)**

Conversions

Conversions Part 1

Format	Color
Hex	6A59FF
RGB	106, 89, 255
RGB Percent	42%, 35%, 100%
CMY	0.5843, 0.6510, 0.0000
CMYK	0.58, 0.65, 0.00, 0.00
HSL	246°, 100%, 67%
HSV	246°, 65%, 100%
XYZ	27.5662, 17.4289, 96.5190
YIQ	113.0070, -43.1540, 55.2300

Conversions

Conversions Part 2

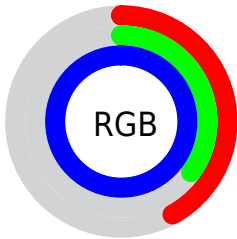
Format	Color
R _Y B	106, 89, 255
Decimal	6969855
CIE Lab	48.80, 51.67, -80.41
CIE LCh	49, 95.579, 302.727
Yxy	17.4289, 0.1948, 0.1232
Android (android.graphics.Color)	4285159935 (0xFF6A59FF)
YUV	113.0070, 70.0025, -6.1451
Hunter-Lab	41.7480, 44.8048, -107.8516

Details

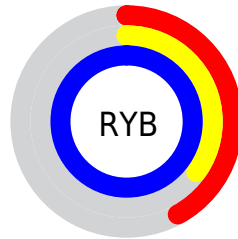
The YUV color **113.0070, 70.0025, -6.1451** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **230.9930, -70.0025, 6.1451**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7810, 45.9570, 6.3311**, and **52.5050, 71.2360, -28.5069** is the 20% darker color. If you saturate the color by 10%, you get **91.4550, 80.6277, -7.4150**, and if you desaturate by 10%, it is **135.1460, 59.0880, -5.3900**.

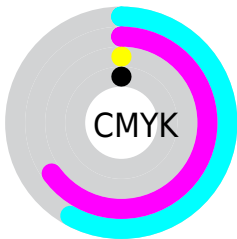
Distribution



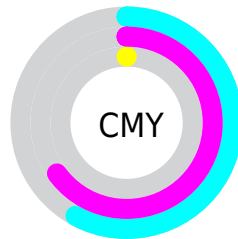
- Red (42%)
- Green (35%)
- Blue (100%)



- Red (42%)
- Yellow (35%)
- Blue (100%)



- Cyan (58%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0070, 70.0025, -6.1451 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 113.0070, 70.0025, -6.1451 by changing the saturation by 10% instead.

■ 113.0070, 70.0025,
-6.1451

■ 113.0070, 70.0025,
-6.1451

■ 255.0000, 0.0000,
0.0000

■ 85.1480, 69.4400,
-12.4078

■ 161.7810, 45.9570,
6.3311

■ 52.5050, 71.2360,
-28.5069

■ 186.8990, 33.5738,
11.4896

■ 29.8320, 68.6098,
-26.1627

■ 212.6040, 20.9012,
16.1333

■ 16.1880, 62.0253,
-14.1969

■ 236.2160, 9.2605,
16.4736

■ 13.1100, 50.2318,
-11.4975

■ 253.2390, 0.8682,
1.5444

■ 16.0160, 35.9811,
-14.0460

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 113.0070, 70.0025,
-6.1451

■ 113.0070, 70.0025,
-6.1451

■ 91.4550, 80.6277,
-7.4150

■ 135.1460, 59.0880,
-5.3900

■ 69.3160, 91.5422,
-8.1701

■ 156.6980, 48.4629,
-4.1201

■ 47.7640, 102.1673,
-9.4400

■ 178.8370, 37.5484,
-3.3650

■ 36.8440, 107.5509,
-9.5102

■ 200.3890, 26.9232,
-2.0952

■ 222.2290, 16.1561,
-1.9548

■ 243.7810, 5.5310,
-0.6849

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



103.0320, 74.9202, -90.3591



113.0070, 70.0025, -6.1451



85.5750, 52.4675, 111.7517

Triad

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



113.0070, 70.0025, -6.1451



105.5750, -52.0485, 81.0567



100.1970, 10.7489, -87.8728

Complementary

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



113.0070, 70.0025, -6.1451



230.9930, -70.0025, 6.1451

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.



87.2470, -28.7158, -76.5156



113.0070, 70.0025, -6.1451



108.4570, -53.4693, 23.2782

Square

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



113.0070, 70.0025, -6.1451



75.2230, -20.8159, 143.6324



90.6180, -44.6747, -44.3920



109.4310, 46.1295, -95.9710

Rectangle

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



113.0070, 70.0025, -6.1451



88.5030, 24.8950, 135.4939



90.6180, -44.6747, -44.3920



96.3040, -1.6289, -84.4586

Sweetspot

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



113.0070, 70.0025, -6.1451



211.3090, 21.5397, -2.0250



195.3870, 29.3892, -93.3014



101.4310, 13.0985, -1.2550



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.



113.0070, 70.0025, -6.1451



84.6660, 83.9747, -7.6001



137.8240, 57.7678, 44.8814



116.7810, 5.5310, -0.6849



27.7540, 80.4803, -6.8003



9.3890, 26.9232, -2.0952

Inverse Universe

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



155.6200, 40.6133, 87.1563



135.9070, 48.8528, 104.4446



206.1760, -57.7678, -44.8814



120.1410, 2.8885, 6.8923



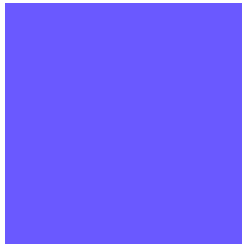
76.7170, 46.9745, 100.2262



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 113.0070, 70.0025, -6.1451 looks on a white background.

Color Contrast Check

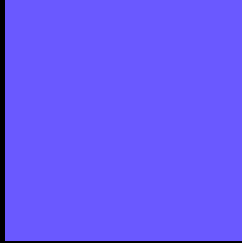
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.0070, 70.0025, -6.1451 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 113.0070, 70.0025, -6.1451

Background



This preview shows how black text looks on a background with the YUV color 113.0070, 70.0025, -6.1451.



This preview shows how white text looks on a background with the YUV color 113.0070, 70.0025, -6.1451.

-6.1451.

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

113.0070, 70.0025, -6.1451

Protanopia

91.9470, 70.5251, -80.6375

Deuteranopia

92.2940, 54.0851, -80.9418



Tritanopia

105.2100, 14.6865, -44.0342

Trichromacy



Original Color

113.0070, 70.0025, -6.1451



Protanomaly

99.7100, 70.1490, -53.2427



Deuteranomaly

99.6640, 59.8186, -53.2023



Tritanomaly

108.2760, 34.8669, -30.0601

Monochromacy



Original Color

113.0070, 70.0025, -6.1451



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

112.7480, 25.7602, -2.4100

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0070, 70.0025, -6.1451 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(106, 89, 255)` looks like.

```
.text, #text, p{  
    color:rgb(106, 89, 255)  
}
```

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(106, 89, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 89, 255) }
```

Border

The CSS property to change the border of an element to YUV 113.0070, 70.0025, -6.1451 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(106, 89, 255) }
```


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

```
.border{ border-color:rgb(106, 89, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 89, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 89, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 89, 255);  
box-shadow:4px 4px 4px 4px rgb(106, 89,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 113.0070, 70.0025, -6.1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 89, 255) }
```

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

```
.background{ background-color: rgb(106, 89,  
255) }
```

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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