

Converting Colors

YUV(114.8470, 69.0954,
-41.9618)

Have a look what the booklet for
YUV(114.8470, 69.0954, -41.9618)
contains.

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Color

**YUV(114.8470, 69.0954,
-41.9618)**

Conversions

Conversions Part 1

Format	Color
Hex	4370FF
RGB	67, 112, 255
RGB Percent	26%, 44%, 100%
CMY	0.7373, 0.5608, 0.0000
CMYK	0.74, 0.56, 0.00, 0.00
HSL	226°, 100%, 63%
HSV	226°, 74%, 100%
XYZ	26.1589, 20.0016, 97.0897
YIQ	114.8470, -72.7230, 34.9330

Conversions

Conversions Part 2

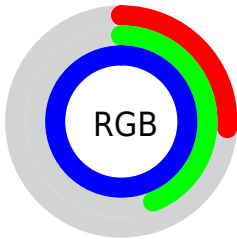
Format	Color
R _{YB}	67, 103, 255
Decimal	4419839
CIE Lab	51.84, 32.83, -75.54
CIE LCh	52, 82.362, 293.487
Yxy	20.0016, 0.1826, 0.1396
Android (android.graphics.Color)	4282609919 (0xFF4370FF)
YUV	114.8470, 69.0954, -41.9618
Hunter-Lab	44.7232, 26.1403, -97.4066

Details

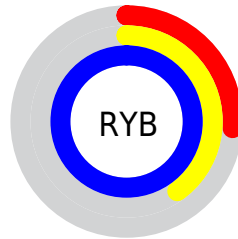
The YUV color **114.8470, 69.0954, -41.9618** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **207.1530, -69.0954, 41.9618**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0130, 43.8706, -24.5674**, and **60.6130, 67.2388, -53.1576** is the 20% darker color. If you saturate the color by 10%, you get **95.9200, 78.4264, -48.1648**, and if you desaturate by 10%, it is **133.4750, 59.9118, -36.3736**.

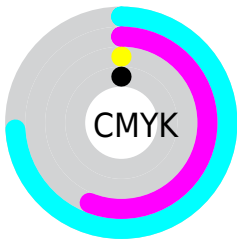
Distribution



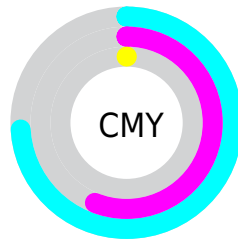
- Red (26%)
- Green (44%)
- Blue (100%)



- Red (26%)
- Yellow (40%)
- Blue (100%)



- Cyan (74%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (74%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.8470, 69.0954, -41.9618 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 114.8470, 69.0954, -41.9618 by changing the saturation by 10% instead.

■ 114.8470, 69.0954,
-41.9618

■ 114.8470, 69.0954,
-41.9618

■ 255.0000, 0.0000,
0.0000

■ 77.4200, 73.2499,
-67.8973

■ 166.0130, 43.8706,
-24.5674

■ 60.6130, 67.2388,
-53.1576

■ 191.4300, 31.3400,
-18.7941

■ 45.0940, 61.0857,
-39.5474

■ 217.4340, 18.5200,
-13.5356

■ 31.4500, 54.5012,
-27.5816

■ 243.1390, 5.8475,
-8.8919

■ 14.8710, 49.3636,
-13.0419

■ 17.8910, 35.5497,
-15.6904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 114.8470, 69.0954,
-41.9618

■ 114.8470, 69.0954,
-41.9618

■ 95.9200, 78.4264,
-48.1648

■ 133.4750, 59.9118,
-36.3736

■ 76.7050, 87.8994,
-53.2383

■ 152.9890, 50.2914,
-30.6854

■ 64.8770, 93.7306,
-56.8971

■ 171.9160, 40.9604,
-24.4823

■ 191.1310, 31.4874,
-19.4089

■ 210.0580, 22.1564,
-13.2059

■ 228.6860, 12.9728,
-7.6176

■ 247.9010, 3.4998,
-2.5442

■ 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.



110.0760, 71.4475, -96.5367



114.8470, 69.0954, -41.9618



122.0250, 42.8787, 60.4911

Triad

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



114.8470, 69.0954, -41.9618



111.2340, -54.8384, 89.2488



101.1940, 1.8764, -88.7471

Complementary

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



114.8470, 69.0954, -41.9618



207.1530, -69.0954, 41.9618

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.



89.0250, -32.0573, -78.0749



114.8470, 69.0954, -41.9618



116.2420, -57.3073, 41.0068

Square

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



114.8470, 69.0954, -41.9618



96.8170, -11.7418, 126.4485



108.8350, -53.6557, -10.3793



110.1030, 33.4732, -96.5603

Rectangle

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



114.8470, 69.0954, -41.9618



104.9940, 30.0760, 106.9993



108.8350, -53.6557, -10.3793



97.7570, -8.7542, -85.7329

Sweetspot

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



114.8470, 69.0954, -41.9618



213.0150, 20.6986, -12.2912



193.4300, 7.1830, -110.8791



102.5720, 12.5360, -7.5176



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.



114.8470, 69.0954, -41.9618



87.6470, 82.5050, -49.6794



102.4850, 75.1899, 10.0987



118.2430, 4.8102, -2.8441



48.7760, 70.1164, -42.7766



16.1010, 23.6142, -14.1206

Inverse Universe

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



128.3420, -8.0566, 111.0791



104.0180, -9.8689, 132.4112



219.5150, -75.1899, -10.0987



119.2290, -0.6059, 7.6922



62.3530, -8.0620, 112.8234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 114.8470, 69.0954, -41.9618 looks on a white background.

Color Contrast Check

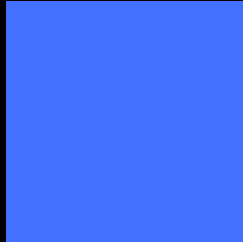
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 114.8470, 69.0954, -41.9618 looks on a black 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

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

YUV 114.8470, 69.0954, -41.9618 Background



This preview shows how black text looks on a background with the YUV color 114.8470, 69.0954, -41.9618.



This preview shows how white text looks on a background with the YUV color 114.8470, 69.0954, -41.9618.

-41.9618.

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

114.8470, 69.0954, -41.9618

Protanopia

97.8800, 75.4882, -85.8408

Tritanopia

96.4760, 24.4153, -84.6095

Trichromacy



Original Color

114.8470, 69.0954, -41.9618

Protanomaly

103.9960, 72.9660, -70.1565

Tritanomaly

102.9290, 40.9540, -69.2207

Monochromacy



Original Color

114.8470, 69.0954, -41.9618

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.1440, 25.0720, -15.0353

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.8470, 69.0954, -41.9618 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(67, 112, 255)` looks like.

```
.text, #text, p{  
    color:rgb(67, 112, 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(67, 112, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 112, 255) }
```

Border

The CSS property to change the border of an element to YUV 114.8470, 69.0954, -41.9618 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(67, 112, 255) }
```

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

```
.border{ border-color:rgb(67, 112, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 112, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 112, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 112, 255);  
box-shadow:4px 4px 4px 4px rgb(67, 112,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 114.8470, 69.0954, -41.9618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 112, 255) }
```

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

```
.background{ background-color: rgb(67, 112,  
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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