

Converting Colors

YUV(69.0850, 85.2471, 4.3105)

Have a look what the booklet for
YUV(69.0850, 85.2471, 4.3105)
contains.

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Color

**YUV(69.0850, 85.2471,
4.3105)**

Conversions

Conversions Part 1

Format	Color
Hex	4A21F2
RGB	74, 33, 242
RGB Percent	29%, 13%, 95%
CMY	0.7098, 0.8706, 0.0510
CMYK	0.69, 0.86, 0.00, 0.05
HSL	252°, 89%, 54%
HSV	252°, 86%, 95%
XYZ	19.3949, 8.9544, 84.7105
YIQ	69.0850, -42.6530, 73.6910

Conversions

Conversions Part 2

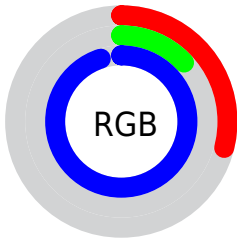
Format	Color
R _Y B	74, 33, 242
Decimal	4858354
CIE Lab	35.90, 70.67, -94.47
CIE LCh	36, 117.980, 306.801
Yxy	8.9544, 0.1715, 0.0792
Android (android.graphics.Color)	4283048434 (0xFF4A21F2)
YUV	69.0850, 85.2471, 4.3105
Hunter-Lab	29.9238, 63.3267, -146.8957

Details

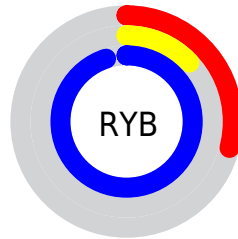
The YUV color **69.0850, 85.2471, 4.3105** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **205.9150, -85.2471, -4.3105**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.6680, 64.2537, 17.8312**, and **20.9760, 80.3708, -18.3960** is the 20% darker color. If you saturate the color by 10%, you get **49.3160, 94.9932, 4.9849**, and if you desaturate by 10%, it is **88.8540, 75.5010, 3.6360**.

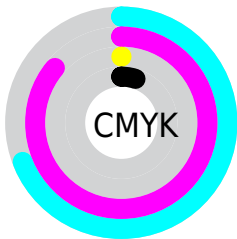
Distribution



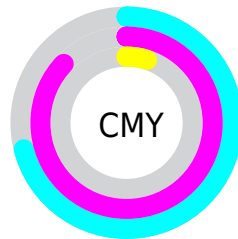
- Red (29%)
- Green (13%)
- Blue (95%)



- Red (29%)
- Yellow (13%)
- Blue (95%)



- Cyan (69%)
- Magenta (86%)
- Yellow (0%)
- Black (5%)



- Cyan (71%)
- Magenta (87%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.0850, 85.2471, 4.3105 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 69.0850, 85.2471, 4.3105 by changing the saturation by 10% instead.

■ 69.0850, 85.2471,
4.3105

■ 69.0850, 85.2471,
4.3105

■ 255.0000, 0.0000,
0.0000

■ 28.1690, 91.1217,
-13.3032

■ 124.6680, 64.2537,
17.8312

■ 20.9760, 80.3708,
-18.3960

■ 150.3840, 51.5757,
24.2192

■ 17.7840, 68.1405,
-15.5966

■ 175.8010, 39.0451,
29.9925

■ 14.7060, 56.3469,
-12.8972

■ 201.8050, 26.2251,
35.2510

■ 17.6120, 42.0963,
-15.4457

■ 222.1280, 16.2059,
28.8287

■ 14.6480, 30.7395,
-12.8463

■ 239.1510, 7.8136,

■ 9.0910, 22.1401,

13.8996

-7.9728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 69.0850, 85.2471,
4.3105

■ 69.0850, 85.2471,
4.3105

■ 49.3160, 94.9932,
4.9849

■ 88.8540, 75.5010,
3.6360

■ 41.6410, 98.7770,
4.6998

■ 108.9220, 65.6075,
3.5764

■ 129.2780, 55.5719,
2.3872

■ 149.3460, 45.6784,
2.3276

■ 169.1150, 35.9323,
1.6531

■ 189.1830, 26.0388,
1.5935

■ 208.9520, 16.2927,
0.9191

■ 229.6070, 6.1097,
0.3447

■ 249.3760, -3.6364,
-0.3298

Harmonies

Analogous

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



86.0090, 83.3126, -75.4299



69.0850, 85.2471, 4.3105



79.0510, 40.4009, 108.7033

Triad

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



69.0850, 85.2471, 4.3105



72.1950, -35.5921, 76.1280



78.3010, 13.1626, -68.6700

Complementary

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



69.0850, 85.2471, 4.3105



205.9150, -85.2471, -4.3105

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



69.0850, 85.2471, 4.3105



77.3590, -38.1380, 5.8242

Square

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



69.0850, 85.2471, 4.3105



63.3880, -31.2503, 130.3327



61.6350, -30.3861, -54.0539



90.7780, 53.3534, -79.6123

Rectangle

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



69.0850, 85.2471, 4.3105



79.8710, 9.9236, 130.7861



61.6350, -30.3861, -54.0539



73.9520, -0.9623, -64.8559

Sweetspot

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



69.0850, 85.2471, 4.3105



200.4110, 26.9124, 1.3936



157.2030, 41.8049, -108.9260



94.9520, 16.2927, 0.9191



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.



69.0850, 85.2471, 4.3105



44.0200, 104.0131, 5.2445



99.5830, 70.2116, 67.0177



109.9660, 4.9468, 0.0298



31.7400, 75.0642, 3.7360



9.6730, 22.8392, 1.1638

Inverse Universe

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



114.6430, 42.5740, 111.6921



99.6150, 51.9548, 136.2726



175.4170, -70.2116, -67.0177



112.6140, 2.1623, 6.4775



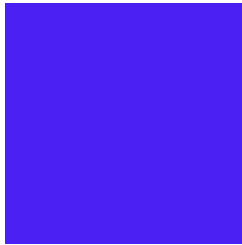
71.8880, 37.5232, 98.3222



21.8740, 11.4011, 29.9285

Previews

White Background



This preview shows how the YUV color 69.0850, 85.2471, 4.3105 looks on a white background.

Color Contrast Check

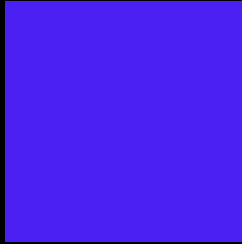
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.0850, 85.2471, 4.3105 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 69.0850, 85.2471, 4.3105

Background



This preview shows how black text looks on a background with the YUV color 69.0850, 85.2471, 4.3105.



This preview shows how white text looks on a background with the YUV color 69.0850, 85.2471,

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

69.0850, 85.2471, 4.3105

Protanopia

66.9270, 50.8150, -58.6950

Deuteranopia

67.5990, 38.1587, -59.2843



Tritanopia

65.8770, 16.3296, -57.7741

Trichromacy



Original Color

69.0850, 85.2471, 4.3105

Protanomaly

67.9850, 63.1114, -35.9438

Deuteranomaly

67.9220, 55.2545, -35.8886

Tritanomaly

66.9640, 41.4297, -35.0484

Monochromacy



Original Color

69.0850, 85.2471, 4.3105

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1490, 30.9855, 1.6233

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.0850, 85.2471, 4.3105 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(74, 33, 242)` looks like.

```
.text, #text, p{  
    color:rgb(74, 33, 242)  
}
```

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(74, 33, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 33, 242) }
```

Border

The CSS property to change the border of an element to YUV 69.0850, 85.2471, 4.3105 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(74, 33, 242) }
```


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

```
.border{ border-color:rgb(74, 33, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 33, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 33, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 33, 242);  
box-shadow:4px 4px 4px 4px rgb(74, 33,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 69.0850, 85.2471, 4.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 33, 242) }
```

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

```
.background{ background-color: rgb(74, 33,  
242) }
```

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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