

Converting Colors

YUV(71.6900, 84.4558, 24.8279)

Have a look what the booklet for
YUV(71.6900, 84.4558, 24.8279)
contains.

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Color

**YUV(71.6900, 84.4558,
24.8279)**

Conversions

Conversions Part 1

Format	Color
Hex	6418F3
RGB	100, 24, 243
RGB Percent	39%, 9%, 95%
CMY	0.6078, 0.9059, 0.0471
CMYK	0.59, 0.90, 0.00, 0.05
HSL	261°, 90%, 52%
HSV	261°, 90%, 95%
XYZ	21.7598, 9.8337, 85.5452
YIQ	71.6900, -25.0030, 84.2210

Conversions

Conversions Part 2

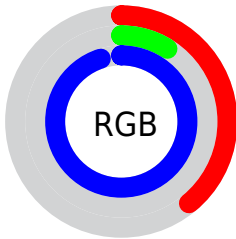
Format	Color
R _Y B	100, 24, 243
Decimal	6559987
CIE Lab	37.54, 75.09, -92.23
CIE LCh	38, 118.934, 309.149
Yxy	9.8337, 0.1858, 0.0839
Android (android.graphics.Color)	4284750067 (0xFF6418F3)
YUV	71.6900, 84.4558, 24.8279
Hunter-Lab	31.3587, 68.9838, -139.7898

Details

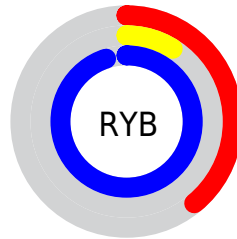
The YUV color **71.6900, 84.4558, 24.8279** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **195.3100, -84.4558, -24.8279**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1860, 62.0263, 32.2859**, and **21.0900, 80.8076, -18.4959** is the 20% darker color. If you saturate the color by 10%, you get **52.8180, 93.7597, 27.3466**, and if you desaturate by 10%, it is **90.5620, 75.1519, 22.3091**.

Distribution



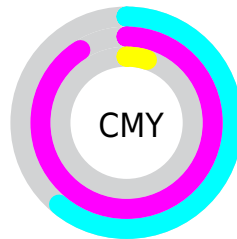
- Red (39%)
- Green (9%)
- Blue (95%)



- Red (39%)
- Yellow (9%)
- Blue (95%)



- Cyan (59%)
- Magenta (90%)
- Yellow (0%)
- Black (5%)



- Cyan (61%)
- Magenta (91%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6900, 84.4558, 24.8279 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 71.6900, 84.4558, 24.8279 by changing the saturation by 10% instead.

71.6900, 84.4558,
24.8279

71.6900, 84.4558,
24.8279

255.0000, 0.0000,
0.0000

42.9340, 84.3355,
16.7209

129.1860, 62.0263,
32.2859

21.0900, 80.8076,
-18.4959

155.1900, 49.2063,
37.5444

17.8980, 68.5773,
-15.6965

180.8950, 36.5338,
42.1881

14.8200, 56.7837,
-12.9971

205.1050, 24.5982,
43.7579

12.4430, 45.1376,
-10.9125

222.1280, 16.2059,
28.8287

14.7620, 31.1763,
-12.9463

239.1510, 7.8136,

9.0910, 22.1401,

13.8996

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 71.6900, 84.4558,
24.8279

■ 71.6900, 84.4558,
24.8279

■ 52.8180, 93.7597,
27.3466

■ 90.5620, 75.1519,
22.3091

■ 110.0210, 65.5586,
19.2756

■ 128.8930, 56.2548,
16.7568

■ 147.4660, 47.0983,
13.6233

■ 166.3380, 37.7944,
11.1046

■ 185.7970, 28.2011,
8.0710

■ 204.6690, 18.8972,
5.5523

■ 223.5410, 9.5933,
3.0335

■ 243.0000, 0.0000,
0.0000

Harmonies

Analogous

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



86.5960, 83.0232, -75.9447



71.6900, 84.4558, 24.8279



81.8130, 38.0532, 115.0510

Triad

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



71.6900, 84.4558, 24.8279



78.3640, -38.6335, 71.5948



82.6040, 16.9572, -72.4437

Complementary

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



71.6900, 84.4558, 24.8279



195.3100, -84.4558, -24.8279

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.



67.5050, -33.2800, -59.2019



71.6900, 84.4558, 24.8279



79.9840, -39.4321, 0.8910

Square

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



71.6900, 84.4558, 24.8279



64.2850, -31.6925, 132.1771



64.5700, -31.8330, -56.6279



95.1950, 57.5849, -83.4860

Rectangle

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



71.6900, 84.4558, 24.8279



81.8070, 6.9971, 136.1043



64.5700, -31.8330, -56.6279



78.1410, 2.3955, -68.5297

Sweetspot

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



71.6900, 84.4558, 24.8279



201.0420, 26.6013, 7.8562



134.6680, 53.4077, -97.0558



95.8600, 15.8450, 4.5078



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.



71.6900, 84.4558, 24.8279



55.3820, 98.4117, 28.6060



103.6830, 68.6833, 90.6090



112.5640, 4.6519, 1.2594



40.6390, 71.6630, 21.3646



12.7060, 22.8229, 6.3968

Inverse Universe

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



105.7830, 30.1800, 120.3393



95.2830, 35.3565, 140.0718



163.3170, -68.6833, -90.6090



114.5000, 1.7255, 6.5775



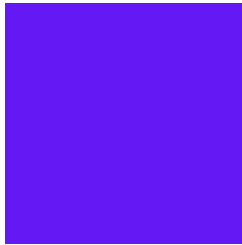
69.5220, 25.8717, 102.1512



21.9730, 7.9013, 32.4727

Previews

White Background



This preview shows how the YUV color 71.6900, 84.4558, 24.8279 looks on a white background.

Color Contrast Check

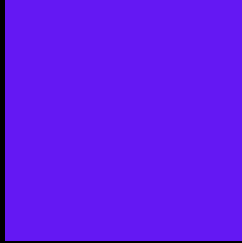
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.6900, 84.4558, 24.8279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

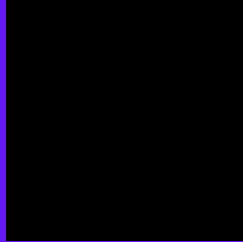
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.6900, 84.4558, 24.8279

Background



This preview shows how black text looks on a background with the YUV color 71.6900, 84.4558, 24.8279.



This preview shows how white text looks on a background with the YUV color 71.6900, 84.4558,

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

71.6900, 84.4558, 24.8279

Protanopia

70.3010, 53.5886, -61.6540

Tritanopia

79.8690, 11.8966, -35.8421

Trichromacy



Original Color

71.6900, 84.4558, 24.8279

Protanomaly

70.7730, 64.6949, -30.4959

Tritanomaly

76.9990, 38.4545, -14.0311

Monochromacy



Original Color

71.6900, 84.4558, 24.8279

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0790, 30.5271, 8.7007

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6900, 84.4558, 24.8279 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(100, 24, 243)` looks like.

```
.text, #text, p{  
    color:rgb(100, 24, 243)  
}
```

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(100, 24, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 24, 243) }
```

Border

The CSS property to change the border of an element to YUV 71.6900, 84.4558, 24.8279 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(100, 24, 243) }
```

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

```
.border{ border-color:rgb(100, 24, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 24, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 24, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 24, 243);  
box-shadow:4px 4px 4px 4px rgb(100, 24,  
243) }
```


Background

The CSS property to change the background color of an element to YUV 71.6900, 84.4558, 24.8279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 24, 243) }
```

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

```
.background{ background-color: rgb(100, 24,  
243) }
```

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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