

Converting Colors

YUV(89.2830, 71.3455,
-16.9112)

Have a look what the booklet for
YUV(89.2830, 71.3455, -16.9112)
contains.

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Color

**YUV(89.2830, 71.3455,
-16.9112)**

Conversions

Conversions Part 1

Format	Color
Hex	4647EA
RGB	70, 71, 234
RGB Percent	27%, 28%, 92%
CMY	0.7255, 0.7216, 0.0824
CMYK	0.70, 0.70, 0.00, 0.08
HSL	240°, 80%, 60%
HSV	240°, 70%, 92%
XYZ	19.6303, 11.7491, 79.0751
YIQ	89.2830, -52.9190, 50.4810

Conversions

Conversions Part 2

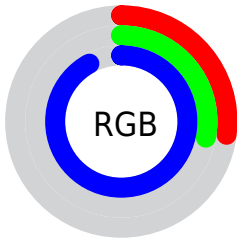
Format	Color
R _Y B	70, 71, 234
Decimal	4605930
CIE Lab	40.81, 50.66, -81.82
CIE LCh	41, 96.231, 301.766
Yxy	11.7491, 0.1777, 0.1064
Android (android.graphics.Color)	4282796010 (0xFF4647EA)
YUV	89.2830, 71.3455, -16.9112
Hunter-Lab	34.2769, 42.2418, -112.7850

Details

The YUV color **89.2830, 71.3455, -16.9112** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **214.7170, -71.3455, 16.9112**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6580, 55.8776, -2.3311**, and **34.8530, 70.0785, -30.5661** is the 20% darker color. If you saturate the color by 10%, you get **68.9050, 81.3918, -19.2107**, and if you desaturate by 10%, it is **109.6610, 61.2991, -14.6117**.

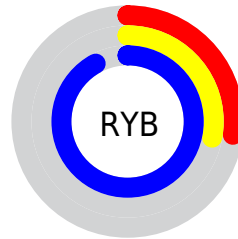
Distribution



Red (27%)

Green (28%)

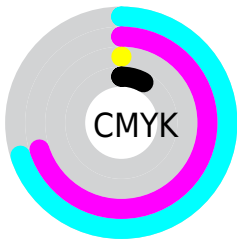
Blue (92%)



Red (27%)

Yellow (28%)

Blue (92%)

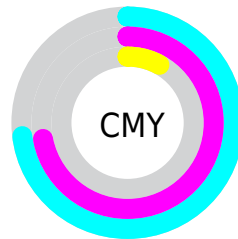


Cyan (70%)

Magenta (70%)

Yellow (0%)

Black (8%)



Cyan (73%)

Magenta (72%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2830, 71.3455, -16.9112 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 89.2830, 71.3455, -16.9112 by changing the saturation by 10% instead.

■ 89.2830, 71.3455,
-16.9112

■ 89.2830, 71.3455,
-16.9112

■ 255.0000, 0.0000,
0.0000

■ 55.4330, 73.7365,
-37.2137

■ 141.6580, 55.8776,
-2.3311

■ 34.8530, 70.0785,
-30.5661

■ 166.1890, 43.7838,
3.3422

■ 19.3340, 63.9253,
-16.9559

■ 191.3070, 31.4006,
8.5008

■ 13.9080, 53.2894,
-12.1973

■ 217.3110, 18.5807,
13.7593

■ 15.0530, 39.9069,
-13.2015

■ 240.3250, 7.2348,
12.8700

■ 12.9040, 29.1343,
-11.3168

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 89.2830, 71.3455,
-16.9112

■ 89.2830, 71.3455,
-16.9112

■ 68.9050, 81.3918,
-19.2107

■ 109.6610, 61.2991,
-14.6117

■ 47.6410, 91.8750,
-21.6102

■ 130.9250, 50.8160,
-12.2122

■ 27.2630, 101.9213,
-23.9097

■ 151.3030, 40.7696,
-9.9127

■ 171.9800, 30.5759,
-6.9985

■ 192.3580, 20.5295,
-4.6990

■ 213.3230, 10.1938,
-2.9143

■ 234.0000, 0.0000,
0.0000

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



92.4660, 80.1293, -81.0927



89.2830, 71.3455, -16.9112



75.9340, 47.8535, 98.2819

Triad

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



89.2830, 71.3455, -16.9112



84.8980, -41.8547, 78.1425



84.0740, 7.3585, -73.7329

Complementary

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



89.2830, 71.3455, -16.9112



214.7170, -71.3455, 16.9112

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.



71.0270, -35.0163, -62.2907



89.2830, 71.3455, -16.9112



90.4380, -44.5859, 20.6639

Square

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



89.2830, 71.3455, -16.9112



66.0380, -23.6827, 129.7627



66.3310, -32.7012, -58.1723



94.3680, 41.7236, -82.7607

Rectangle

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



89.2830, 71.3455, -16.9112



78.7910, 21.3020, 121.2093



66.3310, -32.7012, -58.1723



80.2950, -4.5824, -70.4187

Sweetspot

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



89.2830, 71.3455, -16.9112



207.7430, 23.2977, -5.9136



184.6220, 22.8644, -100.5235



99.6480, 13.9775, -3.1993



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.



89.2830, 71.3455, -16.9112



65.9830, 93.1854, -21.9101



112.3170, 59.9897, 32.1710



107.2540, 4.8048, -1.0998



21.2210, 78.7710, -18.6108



6.1560, 23.5871, -5.3988

Inverse Universe

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



119.1500, -23.7379, 100.7235



105.1000, -31.1083, 131.4623



191.6830, -59.9897, -32.1710



109.2890, -1.6215, 6.7625



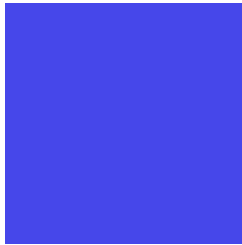
54.2330, -26.2439, 111.1747



16.1460, -7.9600, 33.1980

Previews

White Background



This preview shows how the YUV color 89.2830, 71.3455, -16.9112 looks on a white background.

Color Contrast Check

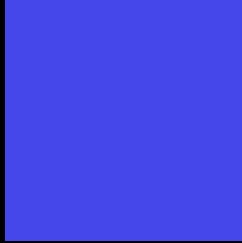
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.2830, 71.3455, -16.9112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

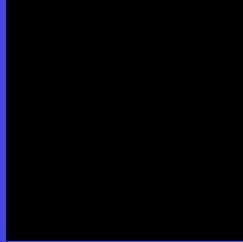
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.2830, 71.3455, -16.9112

Background



This preview shows how black text looks on a background with the YUV color 89.2830, 71.3455, -16.9112.



This preview shows how white text looks on a background with the YUV color 89.2830, 71.3455,

-16.9112.

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

89.2830, 71.3455, -16.9112

Protanopia

76.1200, 58.1148, -66.7572

Deuteranopia

76.4500, 44.1482, -67.0466



Tritanopia

75.1040, 18.6827, -65.8662

Trichromacy



Original Color

89.2830, 71.3455, -16.9112

Protanomaly

80.6090, 63.2968, -48.7691

Deuteranomaly

80.9050, 54.2768, -49.0287

Tritanomaly

79.9640, 37.9787, -48.2034

Monochromacy



Original Color

89.2830, 71.3455, -16.9112

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8400, 26.2079, -5.9987

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2830, 71.3455, -16.9112 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(70, 71, 234)` looks like.

```
.text, #text, p{  
    color:rgb(70, 71, 234)  
}
```

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(70, 71, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 71, 234) }
```

Border

The CSS property to change the border of an element to YUV 89.2830, 71.3455, -16.9112 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(70, 71, 234) }
```


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

```
.border{ border-color:rgb(70, 71, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 71, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 71, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 71, 234);  
box-shadow:4px 4px 4px 4px rgb(70, 71,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 89.2830, 71.3455, -16.9112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 71, 234) }
```

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

```
.background{ background-color: rgb(70, 71,  
234) }
```

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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