

Converting Colors

YUV(44.4290, 83.5985, 19.7948)

Have a look what the booklet for
YUV(44.4290, 83.5985, 19.7948)
contains.

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Color

**YUV(44.4290, 83.5985,
19.7948)**

Conversions

Conversions Part 1

Format	Color
Hex	4300D6
RGB	67, 0, 214
RGB Percent	26%, 0%, 84%
CMY	0.7373, 1.0000, 0.1608
CMYK	0.69, 1.00, 0.00, 0.16
HSL	259°, 100%, 42%
HSV	259°, 100%, 84%
XYZ	14.4523, 6.0483, 64.0241
YIQ	44.4290, -28.7620, 80.7580

Conversions

Conversions Part 2

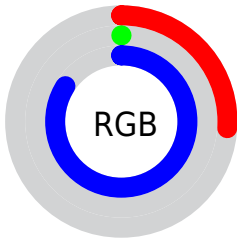
Format	Color
RYB	67, 0, 214
Decimal	4391126
CIELab	29.53, 70.60, -89.05
CIElCh	30, 113.642, 308.410
Yxy	6.0483, 0.1710, 0.0716
Android (android.graphics.Color)	4282581206 (0xFF4300D6)
YUV	44.4290, 83.5985, 19.7948
Hunter-Lab	24.5934, 61.8575, -137.1347

Details

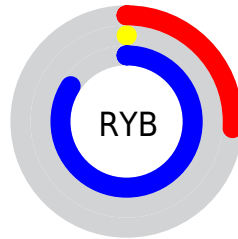
The YUV color **44.4290, 83.5985, 19.7948** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **169.5710, -83.5985, -19.7948**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.8240, 71.0788, 22.0794**, and **17.8980, 68.5773, -15.6965** is the 20% darker color. If you saturate the color by 10%, you get **44.4290, 83.5985, 19.7948**, and if you desaturate by 10%, it is **61.2410, 75.3102, 18.2056**.

Distribution



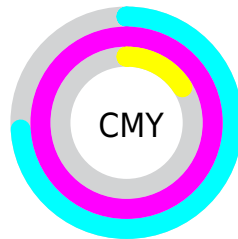
- Red (26%)
- Green (0%)
- Blue (84%)



- Red (26%)
- Yellow (0%)
- Blue (84%)



- Cyan (69%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (74%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.4290, 83.5985, 19.7948 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 44.4290, 83.5985, 19.7948 by changing the saturation by 10% instead.

■ 44.4290, 83.5985,
19.7948

■ 44.4290, 83.5985,
19.7948

■ 255.0000, 0.0000,
0.0000

■ 22.5850, 80.0706,
-15.4220

■ 110.8240, 71.0788,
22.0794

■ 17.8980, 68.5773,
-15.6965

■ 136.2410, 58.5482,
27.8526

■ 14.8200, 56.7837,
-12.9971

■ 161.6580, 46.0176,
33.6259

■ 11.8560, 45.4270,
-10.3977

■ 187.3630, 33.3450,
38.2696

■ 14.8760, 31.6131,
-13.0463

■ 210.9750, 21.7043,
38.6099


■ 9.2050, 22.5769,
-8.0728


■ 227.9980, 13.3120,


■ 4.8220, 13.3988,


23.6808


-4.2289


 245.0210, 4.9196,
8.7516


 0.5700, 2.1840,
-0.4999


 0.0000, 0.0000,
0.0000

 44.4290, 83.5985,
19.7948

 61.2410, 75.3102,
18.2056

 78.3410, 66.8799,
15.4869

 95.1530, 58.5916,
13.8978

 112.5520, 50.0139,
11.7939

■ 129.0650, 41.8730,
9.5900

■ 145.8770, 33.5846,
8.0009

■ 163.2760, 25.0069,
5.8969

■ 180.0880, 16.7186,
4.3078

■ 197.1880, 8.2883,
1.5891

Harmonies

Analogous

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



76.5030, 87.5060, -67.0931



44.4290, 83.5985, 19.7948



70.0360, 33.0133, 98.1924

Triad

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



44.4290, 83.5985, 19.7948



58.2630, -28.7237, 66.4213



66.4810, 13.5669, -58.3038

Complementary

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



44.4290, 83.5985, 19.7948



169.5710, -83.5985, -19.7948

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.



54.5910, -26.9134, -47.8763



44.4290, 83.5985, 19.7948



62.8620, -30.9910, 0.1210

Square

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



44.4290, 83.5985, 19.7948



55.0160, -27.1229, 113.1190



52.2430, -25.7558, -45.8171



78.2740, 51.1369, -68.6463

Rectangle

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



44.4290, 83.5985, 19.7948



70.0020, 4.4360, 117.5162



52.2430, -25.7558, -45.8171



62.3600, 0.3155, -54.6897

Sweetspot

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



44.4290, 83.5985, 19.7948



194.5410, 29.8063, 6.5415



112.4460, 50.0661, -98.6151



91.4300, 18.0290, 4.0079



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.



44.4290, 83.5985, 19.7948



52.9900, 99.5909, 23.6878



75.5250, 68.2682, 83.7316



98.4500, 4.2152, 1.3594



35.3410, 66.8799, 15.4869



9.0880, 16.7186, 4.3078

Inverse Universe

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



80.7440, 32.6642, 116.8655



96.1950, 38.8509, 139.2720



138.4750, -68.2682, -83.7316



100.2010, 1.8729, 5.9627



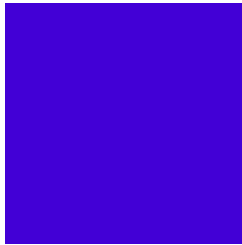
64.4670, 25.8988, 93.4294



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 44.4290, 83.5985, 19.7948 looks on a white background.

Color Contrast Check

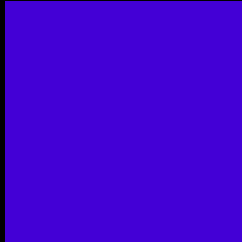
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.4290, 83.5985, 19.7948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

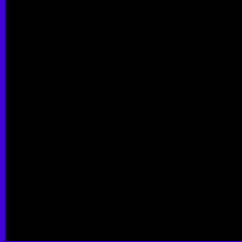
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.4290, 83.5985, 19.7948

Background



This preview shows how black text looks on a background with the YUV color 44.4290, 83.5985, 19.7948.



This preview shows how white text looks on a background with the YUV color 44.4290, 83.5985,

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



Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

57.4600, 32.3112, -50.3924

Tritanopia

55.9490, 13.8291, -49.0673

Trichromacy



Protanomaly

52.3840, 57.9847, -24.8928

Deuteranomaly

52.5490, 51.0013, -25.0375

Tritanomaly

51.4600, 39.2132, -24.0824

Monochromacy



Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.0680, 30.5325, 6.9564

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.4290, 83.5985, 19.7948 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, 0, 214)` looks like.

```
.text, #text, p{  
    color:rgb(67, 0, 214)  
}
```

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, 0, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 0, 214) }
```

Border

The CSS property to change the border of an element to YUV 44.4290, 83.5985, 19.7948 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, 0, 214) }
```

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

```
.border{ border-color:rgb(67, 0, 214) }
```

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

Here you see how a box with a 4 pixel rgb(67, 0, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 0, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 0, 214);  
box-shadow:4px 4px 4px 4px rgb(67, 0, 214)  
}
```


Background

The CSS property to change the background color of an element to YUV 44.4290, 83.5985, 19.7948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 0, 214) }
```

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

```
.background{ background-color: rgb(67, 0,  
214) }
```

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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