

Converting Colors

YUV(75.2800, 86.1370, -1.1226)

Have a look what the booklet for
YUV(75.2800, 86.1370, -1.1226)
contains.

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Color

**YUV(75.2800, 86.1370,
-1.1226)**

Conversions

Conversions Part 1

Format	Color
Hex	4A2AFA
RGB	74, 42, 250
RGB Percent	29%, 16%, 98%
CMY	0.7098, 0.8353, 0.0196
CMYK	0.70, 0.83, 0.00, 0.02
HSL	249°, 95%, 57%
HSV	249°, 83%, 98%
XYZ	20.9073, 10.0139, 91.2734
YIQ	75.2800, -47.6960, 71.4720

Conversions

Conversions Part 2

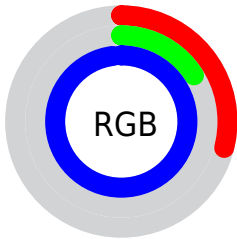
Format	Color
R_{YB}	74, 42, 250
Decimal	4860666
CIE _{Lab}	37.87, 69.64, -95.70
CIE _{LCh}	38, 118.359, 306.042
Yxy	10.0139, 0.1711, 0.0820
Android (android.graphics.Color)	4283050746 (0xFF4A2AFA)
YUV	75.2800, 86.1370, -1.1226
Hunter-Lab	31.6448, 62.5546, -148.8597

Details

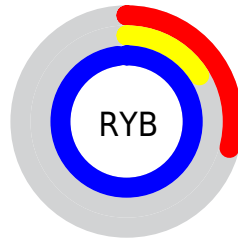
The YUV color **75.2800, 86.1370, -1.1226** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **216.7200, -86.1370, 1.1226**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.0760, 62.0805, 14.8423**, and **21.8880, 83.8652, -19.1958** is the 20% darker color. If you saturate the color by 10%, you get **54.3260, 96.4673, -1.1629**, and if you desaturate by 10%, it is **96.2340, 75.8066, -1.0822**.

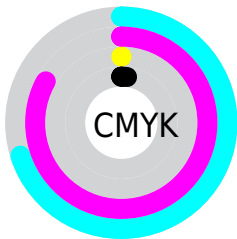
Distribution



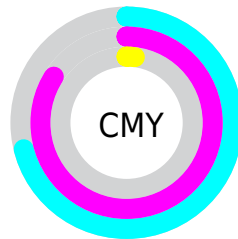
- Red (29%)
- Green (16%)
- Blue (98%)



- Red (29%)
- Yellow (16%)
- Blue (98%)



- Cyan (70%)
- Magenta (83%)
- Yellow (0%)
- Black (2%)



- Cyan (71%)
- Magenta (84%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.2800, 86.1370, -1.1226 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 75.2800, 86.1370, -1.1226 by changing the saturation by 10% instead.

■ 75.2800, 86.1370,
-1.1226

■ 75.2800, 86.1370,
-1.1226

■ 255.0000, 0.0000,
0.0000

■ 31.3960, 93.4748,
-21.3953

■ 129.0760, 62.0805,
14.8423

■ 21.8880, 83.8652,
-19.1958

■ 154.7920, 49.4025,
21.2304

■ 18.6960, 71.6349,
-16.3964

■ 180.2090, 36.8720,
27.0037

■ 15.5040, 59.4045,
-13.5970

■ 206.2130, 24.0520,
32.2622

■ 16.0620, 46.3114,
-14.0864

■ 226.2370, 14.1802,
25.2252

■ 16.0330, 33.5077,
-14.0609

■ 243.2600, 5.7878,

■ 10.3620, 24.4715,

10.2960

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 75.2800, 86.1370,
-1.1226

■ 75.2800, 86.1370,
-1.1226

■ 54.3260, 96.4673,
-1.1629

■ 96.2340, 75.8066,
-1.0822

■ 39.8620, 103.5980,
-1.6330

■ 117.1880, 65.4763,
-1.0419

■ 138.1420, 55.1460,
-1.0015

■ 159.3950, 44.6683,
-0.3464

■ 180.3490, 34.3379,
-0.3061

■ 201.3030, 24.0076,
-0.2657

■ 222.2570, 13.6773,
-0.2254

■ 243.2110, 3.3470,
-0.1850

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



88.9440, 81.8656, -78.0039



75.2800, 86.1370, -1.1226



81.4580, 43.1582, 110.9773

Triad

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



75.2800, 86.1370, -1.1226



75.7610, -37.3502, 80.0166



82.0510, 12.2999, -71.9587

Complementary

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



75.2800, 86.1370, -1.1226



216.7200, -86.1370, 1.1226

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.



68.0920, -33.5694, -59.7167



75.2800, 86.1370, -1.1226



82.0990, -40.4748, 8.6832

Square

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



75.2800, 86.1370, -1.1226



65.7800, -32.4295, 135.2509



64.5700, -31.8330, -56.6279



94.7560, 53.3643, -83.1010

Rectangle

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



75.2800, 86.1370, -1.1226



82.7620, 11.9493, 134.3897



64.5700, -31.8330, -56.6279



77.7020, -1.8251, -68.1447

Sweetspot

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



75.2800, 86.1370, -1.1226



201.2860, 26.4810, -0.2508



169.6110, 39.6318, -111.9148



95.2400, 16.1507, -0.2105



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.



75.2800, 86.1370, -1.1226



40.7310, 105.6346, -1.5181



106.0770, 70.9540, 62.1995



114.0800, 5.3836, -0.0702



30.2170, 78.2800, -1.0673



9.6450, 25.3180, -0.5657

Inverse Universe

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



124.2560, 46.2158, 110.2775



100.8690, 56.7596, 135.1729



185.9230, -70.9540, -62.1995



117.1410, 2.8885, 6.8923



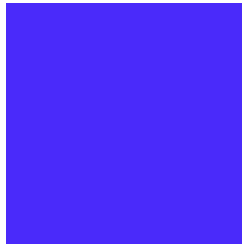
74.7510, 42.0278, 100.1964



24.1670, 13.7217, 32.3025

Previews

White Background



This preview shows how the YUV color 75.2800, 86.1370, -1.1226 looks on a white background.

Color Contrast Check

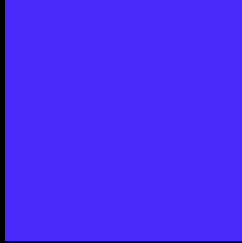
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.2800, 86.1370, -1.1226 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 75.2800, 86.1370, -1.1226

Background



This preview shows how black text looks on a background with the YUV color 75.2800, 86.1370, -1.1226.



This preview shows how white text looks on a background with the YUV color 75.2800, 86.1370,

-1.1226.

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

75.2800, 86.1370, -1.1226

Protanopia

70.3010, 53.5886, -61.6540

Deuteranopia

70.7450, 40.0587, -62.0434



Tritanopia

69.3820, 17.0667, -60.8480

Trichromacy



Original Color

75.2800, 86.1370, -1.1226

Protanomaly

71.9460, 65.5956, -39.4176

Deuteranomaly

72.3560, 57.0125, -39.7772

Tritanomaly

71.7570, 42.0248, -39.2519

Monochromacy



Original Color

75.2800, 86.1370, -1.1226

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2520, 31.4278, -0.2210

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.2800, 86.1370, -1.1226 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, 42, 250)` looks like.

```
.text, #text, p{  
    color:rgb(74, 42, 250)  
}
```

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, 42, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 42, 250) }
```

Border

The CSS property to change the border of an element to YUV 75.2800, 86.1370, -1.1226 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, 42, 250) }
```


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

```
.border{ border-color:rgb(74, 42, 250) }
```

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

Here you see how a box with a 4 pixel rgb(74, 42, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 42, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 42, 250);  
box-shadow:4px 4px 4px 4px rgb(74, 42,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 75.2800, 86.1370, -1.1226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 42, 250) }
```

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

```
.background{ background-color: rgb(74, 42,  
250) }
```

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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