

Converting Colors

YUV(88.2320, 71.8636,
-43.1765)

Have a look what the booklet for
YUV(88.2320, 71.8636, -43.1765)
contains.

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Color

**YUV(88.2320, 71.8636,
-43.1765)**

Conversions

Conversions Part 1

Format	Color
Hex	2755EA
RGB	39, 85, 234
RGB Percent	15%, 33%, 92%
CMY	0.8471, 0.6667, 0.0824
CMYK	0.83, 0.64, 0.00, 0.08
HSL	226°, 82%, 54%
HSV	226°, 83%, 92%
XYZ	18.9365, 12.8688, 79.3278
YIQ	88.2320, -75.2450, 36.5870

Conversions

Conversions Part 2

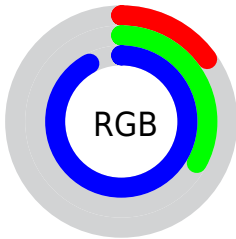
Format	Color
R_{YB}	39, 76, 234
Decimal	2577898
CIE _{Lab}	42.56, 39.59, -78.99
CIE _{LCh}	43, 88.357, 296.622
Yxy	12.8688, 0.1704, 0.1158
Android (android.graphics.Color)	4280767978 (0xFF2755EA)
YUV	88.2320, 71.8636, -43.1765
Hunter-Lab	35.8732, 31.4473, -105.9991

Details

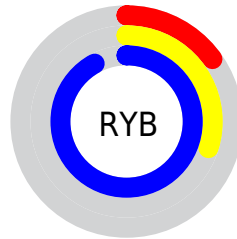
The YUV color **88.2320, 71.8636, -43.1765** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **184.7680, -71.8636, 43.1765**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.6080, 54.9163, -20.7042**, and **44.2450, 65.4482, -38.8029** is the 20% darker color. If you saturate the color by 10%, you get **70.7890, 80.4630, -48.0500**, and if you desaturate by 10%, it is **105.6750, 63.2642, -38.3030**.

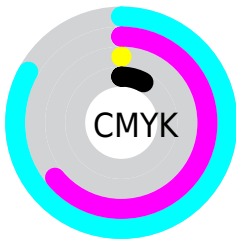
Distribution



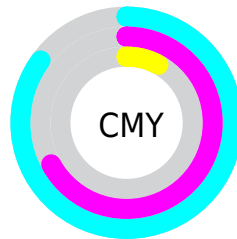
- Red (15%)
- Green (33%)
- Blue (92%)



- Red (15%)
- Yellow (30%)
- Blue (92%)



- Cyan (83%)
- Magenta (64%)
- Yellow (0%)
- Black (8%)



- Cyan (85%)
- Magenta (67%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.2320, 71.8636, -43.1765 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 88.2320, 71.8636, -43.1765 by changing the saturation by 10% instead.

■ 88.2320, 71.8636,
-43.1765

■ 88.2320, 71.8636,
-43.1765

255.0000, 0.0000,
0.0000

■ 59.7640, 71.6013,
-52.4130

■ 143.6080, 54.9163,
-20.7042

■ 44.2450, 65.4482,
-38.8029

■ 169.0250, 42.3857,
-14.9309

■ 29.9000, 58.7163,
-26.2223

■ 193.8550, 30.1445,
-8.6428

■ 14.6090, 53.4368,
-12.8121

■ 219.5600, 17.4719,
-3.9991

■ 16.3410, 39.7649,
-14.3311

■ 246.1510, 4.3626,
0.7446

■ 12.9040, 29.1343,
-11.3168

■ 7.8200, 19.8087,

-6.8581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 88.2320, 71.8636,
-43.1765

■ 88.2320, 71.8636,
-43.1765

■ 70.7890, 80.4630,
-48.0500

■ 105.6750, 63.2642,
-38.3030

■ 58.9610, 86.2942,
-51.7088

■ 123.4170, 54.5174,
-32.8147

■ 140.8600, 45.9180,
-27.9412

■ 158.6020, 37.1712,
-22.4530

■ 175.4580, 28.8612,
-17.0647

■ 192.9010, 20.2618,
-12.1912

■ 210.6430, 11.5150,
-6.7029

■ 228.0860, 2.9156,
-1.8294

■ 245.8280, -5.8312,
3.6588

Harmonies

Analogous

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



95.4180, 76.2089, -83.6816



88.2320, 71.8636, -43.1765



81.2910, 49.6495, 82.1828

Triad

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



88.2320, 71.8636, -43.1765



88.1760, -43.4708, 83.1606



84.8090, 2.5592, -74.3775

Complementary

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



88.2320, 71.8636, -43.1765



184.7680, -71.8636, 43.1765

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.



72.7880, -35.8845, -63.8351



88.2320, 71.8636, -43.1765



94.6350, -46.6551, 31.0151

Square

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



88.2320, 71.8636, -43.1765



69.2580, -13.9312, 128.6927



84.2490, -41.5348, -24.7744



94.5330, 34.7402, -82.9054

Rectangle

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



88.2320, 71.8636, -43.1765



77.9950, 28.5965, 114.8914



84.2490, -41.5348, -24.7744



81.2580, -8.5082, -71.2633

Sweetspot

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



88.2320, 71.8636, -43.1765



207.1010, 23.6142, -14.1206



170.1090, 7.3413, -114.9826



98.7290, 14.4306, -8.5323



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.



88.2320, 71.8636, -43.1765



64.2900, 94.0200, -56.3823



75.8810, 77.9527, 10.6284



108.4280, 4.2260, -2.1294



45.8750, 66.6166, -40.2324



13.7870, 19.8250, -12.0912

Inverse Universe

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



102.5490, -8.6517, 115.2825



83.0850, -11.3809, 150.7695



197.1190, -77.9527, -10.6284



109.5170, -0.7479, 6.5626



59.0210, -7.8984, 106.9756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 88.2320, 71.8636, -43.1765 looks on a white background.

Color Contrast Check

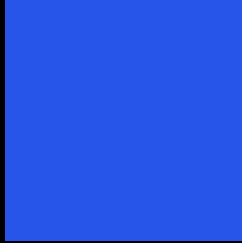
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.2320, 71.8636, -43.1765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

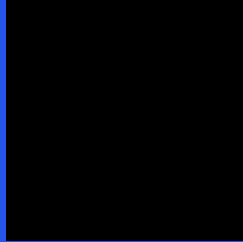
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.2320, 71.8636, -43.1765

Background



This preview shows how black text looks on a background with the YUV color 88.2320, 71.8636, -43.1765.



This preview shows how white text looks on a background with the YUV color 88.2320, 71.8636, -43.1765.

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

88.2320, 71.8636, -43.1765

Protanopia

79.4940, 60.8885, -69.7162

Deuteranopia

79.7100, 46.4850, -69.9057



Tritanopia

78.4950, 18.9830, -68.8401

Trichromacy



Original Color

88.2320, 71.8636, -43.1765

Protanomaly

82.5860, 64.7871, -60.1499

Deuteranomaly

82.8820, 55.7672, -60.4095

Tritanomaly

82.3000, 38.3061, -59.8991

Monochromacy



Original Color

88.2320, 71.8636, -43.1765

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0730, 26.0930, -15.8500

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2320, 71.8636, -43.1765 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(39, 85, 234)` looks like.

```
.text, #text, p{  
    color:rgb(39, 85, 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(39, 85, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 85, 234) }
```

Border

The CSS property to change the border of an element to YUV 88.2320, 71.8636, -43.1765 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(39, 85, 234) }
```


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

```
.border{ border-color:rgb(39, 85, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 85, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 85, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 85, 234);  
box-shadow:4px 4px 4px 4px rgb(39, 85,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 88.2320, 71.8636, -43.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 85, 234) }
```

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

```
.background{ background-color: rgb(39, 85,  
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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