

Converting Colors

YUV(60.7970, 85.3891, 5.4400)

Have a look what the booklet for
YUV(60.7970, 85.3891, 5.4400)
contains.

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Color

**YUV(60.7970, 85.3891,
5.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	4318EA
RGB	67, 24, 234
RGB Percent	26%, 9%, 92%
CMY	0.7373, 0.9059, 0.0824
CMYK	0.71, 0.90, 0.00, 0.08
HSL	252°, 83%, 51%
HSV	252°, 90%, 92%
XYZ	17.4927, 7.7871, 78.4230
YIQ	60.7970, -41.7820, 74.4260

Conversions

Conversions Part 2

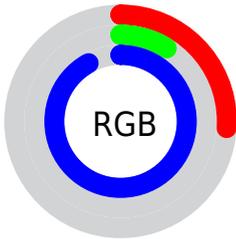
Format	Color
R _{YB}	67, 24, 234
Decimal	4397290
CIE Lab	33.54, 70.89, -93.87
CIE LCh	34, 117.634, 307.061
Yxy	7.7871, 0.1687, 0.0751
Android (android.graphics.Color)	4282587370 (0xFF4318EA)
YUV	60.7970, 85.3891, 5.4400
Hunter-Lab	27.9053, 63.0597, -147.0903

Details

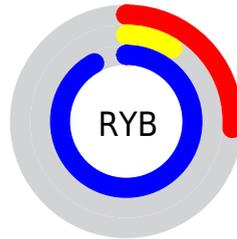
The YUV color **60.7970, 85.3891, 5.4400** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **197.2030, -85.3891, -5.4400**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.0640, 67.0164, 18.3609**, and **20.0640, 76.8764, -17.5961** is the 20% darker color. If you saturate the color by 10%, you get **41.6150, 94.8458, 5.5996**, and if you desaturate by 10%, it is **79.9790, 75.9324, 5.2804**.

Distribution



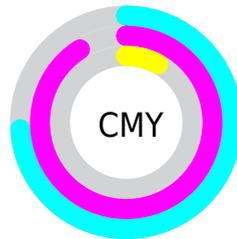
- Red (26%)
- Green (9%)
- Blue (92%)



- Red (26%)
- Yellow (9%)
- Blue (92%)



- Cyan (71%)
- Magenta (90%)
- Yellow (0%)
- Black (8%)



- Cyan (74%)
- Magenta (91%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.7970, 85.3891, 5.4400 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 60.7970, 85.3891, 5.4400 by changing the saturation by 10% instead.

■ 60.7970, 85.3891,
5.4400

■ 60.7970, 85.3891,
5.4400

■ 255.0000, 0.0000,
0.0000

■ 23.3700, 89.5436,
-20.4955

■ 119.0640, 67.0164,
18.3609

■ 20.0640, 76.8764,
-17.5961

■ 144.4810, 54.4859,
24.1342

■ 16.9860, 65.0829,
-14.8967

■ 169.8980, 41.9553,
29.9075

■ 13.9080, 53.2894,
-12.1973

■ 195.9020, 29.1353,
35.1659

■ 19.1620, 37.8811,
-16.8051

■ 218.0190, 18.2316,
32.4323

■ 12.7900, 28.6975,
-11.2168

■ 235.0420, 9.8393,

■ 7.7060, 19.3719,

17.5032

-6.7582

252.0650, 1.4470,
2.5740

3.5510, 11.0674,
-3.1142

0.0000, 0.0000,
0.0000

60.7970, 85.3891,
5.4400

60.7970, 85.3891,
5.4400

41.6150, 94.8458,
5.5996

79.9790, 75.9324,
5.2804

41.0280, 95.1352,
6.1144

99.4490, 66.3336,
3.9912

118.6310, 56.8769,
3.8316

138.1010, 47.2782,
2.5424

■ 157.2830, 37.8215,
2.3828

■ 176.4650, 28.3648,
2.2232

■ 195.9350, 18.7660,
0.9340

■ 215.1170, 9.3093,
0.7744

■ 234.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



82.4870, 85.0489, -72.3411



60.7970, 85.3891, 5.4400



75.8610, 38.5225, 104.4849

Triad

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



60.7970, 85.3891, 5.4400



66.2810, -32.6765, 74.2986



73.6220, 13.0044, -64.5665

Complementary

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



60.7970, 85.3891, 5.4400



197.2030, -85.3891, -5.4400

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.



61.0480, -30.0967, -53.5391



60.7970, 85.3891, 5.4400



72.3310, -35.6592, 4.0947

Square

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



60.7970, 85.3891, 5.4400



60.6970, -29.9236, 124.7997



58.1130, -28.6497, -50.9651



86.5720, 52.4690, -75.9236

Rectangle

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



60.7970, 85.3891, 5.4400



76.6810, 8.0453, 126.5678



58.1130, -28.6497, -50.9651



69.2730, -1.1206, -60.7524

Sweetspot

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



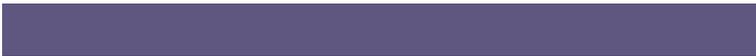
60.7970, 85.3891, 5.4400



198.0520, 28.0754, 1.7084



146.5560, 43.1099, -107.4816



94.0660, 16.7295, 0.8191



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.



60.7970, 85.3891, 5.4400



44.6180, 103.7183, 6.4740



91.8930, 70.0588, 69.3768



107.8520, 4.5100, 0.1298



31.6970, 73.6064, 4.6507



9.4450, 21.9656, 1.3637

Inverse Universe

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



105.8280, 41.9898, 112.4068



99.3870, 51.0812, 136.4726



166.1070, -70.0588, -69.3768



110.3150, 2.3097, 5.8627



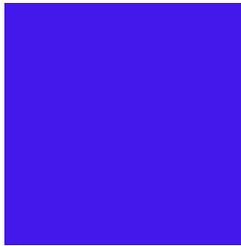
70.5350, 36.2182, 96.8778



21.0480, 10.8223, 28.8989

Previews

White Background



This preview shows how the YUV color 60.7970, 85.3891, 5.4400 looks on a white background.

Color Contrast Check

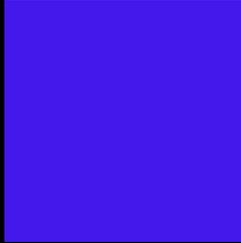
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.7970, 85.3891, 5.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

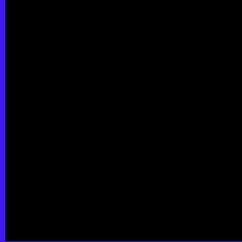
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.7970, 85.3891, 5.4400

Background



This preview shows how black text looks on a background with the YUV color 60.7970, 85.3891, 5.4400.



This preview shows how white text looks on a background with the YUV color 60.7970, 85.3891,

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

60.7970, 85.3891, 5.4400

Protanopia

62.7380, 47.4572, -55.0212

Deuteranopia

62.9370, 35.5271, -55.1957



Tritanopia

61.5570, 15.0084, -53.9855

Trichromacy



Original Color

60.7970, 85.3891, 5.4400

Protanomaly

61.8390, 61.2114, -33.1848

Deuteranomaly

61.8900, 53.7912, -33.2295

Tritanomaly

61.1600, 40.8401, -32.5893

Monochromacy



Original Color

60.7970, 85.3891, 5.4400

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1490, 30.9855, 1.6233

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.7970, 85.3891, 5.4400 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, 24, 234)` looks like.

```
.text, #text, p{  
    color:rgb(67, 24, 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(67, 24, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 24, 234) }
```

Border

The CSS property to change the border of an element to YUV 60.7970, 85.3891, 5.4400 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, 24, 234) }
```

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

```
.border{ border-color:rgb(67, 24, 234) }
```

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

Here you see how a box with a 4 pixel rgb(67, 24, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 24, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 24, 234);  
box-shadow:4px 4px 4px 4px rgb(67, 24,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 60.7970, 85.3891, 5.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 24, 234) }
```

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

```
.background{ background-color: rgb(67, 24,  
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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