

Converting Colors

YUV(136.8440, 50.3629,
-6.8792)

Have a look what the booklet for
YUV(136.8440, 50.3629, -6.8792)
contains.

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Color

**YUV(136.8440, 50.3629,
-6.8792)**

Conversions

Conversions Part 1

Format	Color
Hex	8179EF
RGB	129, 121, 239
RGB Percent	51%, 47%, 94%
CMY	0.4941, 0.5255, 0.0627
CMYK	0.46, 0.49, 0.00, 0.06
HSL	244°, 79%, 71%
HSV	244°, 49%, 94%
XYZ	31.4706, 24.5739, 84.7459
YIQ	136.8440, -33.1100, 38.3940

Conversions

Conversions Part 2

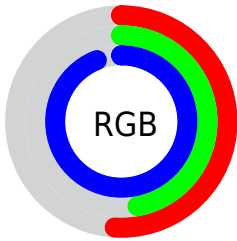
Format	Color
RYB	129, 121, 239
Decimal	8485359
CIELab	56.66, 32.73, -58.70
CIELCh	57, 67.205, 299.141
Yxy	24.5739, 0.2235, 0.1745
Android (android.graphics.Color)	4286675439 (0xFF8179EF)
YUV	136.8440, 50.3629, -6.8792
Hunter-Lab	49.5720, 26.5690, -66.6588

Details

The YUV color **136.8440, 50.3629, -6.8792** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **223.1560, -50.3629, 6.8792**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5340, 33.7537, 0.4087**, and **83.9420, 48.3426, -12.2271** is the 20% darker color. If you saturate the color by 10%, you get **116.1780, 60.5512, -8.0491**, and if you desaturate by 10%, it is **157.5100, 40.1746, -5.7093**.

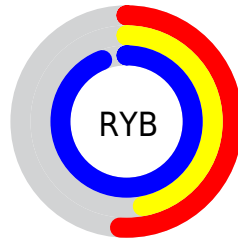
Distribution



Red (51%)

Green (47%)

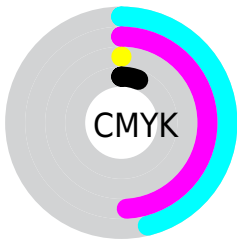
Blue (94%)



Red (51%)

Yellow (47%)

Blue (94%)

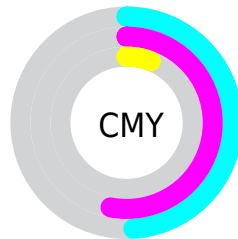


Cyan (46%)

Magenta (49%)

Yellow (0%)

Black (6%)



Cyan (49%)

Magenta (53%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8440, 50.3629, -6.8792 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 136.8440, 50.3629, -6.8792 by changing the saturation by 10% instead.

■ 136.8440, 50.3629,
-6.8792

■ 136.8440, 50.3629,
-6.8792

255.0000, 0.0000,
0.0000

■ 110.1920, 49.2053,
-8.9384

■ 186.5340, 33.7537,
0.4087

■ 83.9420, 48.3426,
-12.2271

■ 211.9400, 21.2286,
4.4376

■ 57.4850, 48.0749,
-19.7193

■ 237.0470, 8.8508,
7.8518

■ 31.6150, 47.5178,
-27.7264

■ 16.9110, 41.9489,
-14.8309

■ 8.8920, 34.0702,
-7.7983

■ 9.0910, 22.1401,

-7.9728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 136.8440, 50.3629,
-6.8792

■ 136.8440, 50.3629,
-6.8792

■ 116.1780, 60.5512,
-8.0491

■ 157.5100, 40.1746,
-5.7093

■ 95.2130, 70.8870,
-9.8338

■ 178.4750, 29.8388,
-3.9246

■ 74.5470, 81.0753,
-11.0037

■ 199.1410, 19.6505,
-2.7547

■ 53.8810, 91.2637,
-12.1736

■ 219.8070, 9.4621,
-1.5847

■ 33.8020, 101.1626,
-13.8584

■ 239.8860, -0.4368,
0.1000

■ 32.0300, 102.0362,
-14.0583

■ 253.1760, -6.9888,
1.5996

Harmonies

Analogous

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



113.4840, 69.2744, -99.5255



136.8440, 50.3629, -6.8792



137.4580, 29.3542, 58.3573

Triad

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



136.8440, 50.3629, -6.8792



129.7800, -49.6845, 69.4759



110.1420, 10.7760, -96.5945

Complementary

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



136.8440, 50.3629, -6.8792



223.1560, -50.3629, 6.8792

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.



100.9540, -14.2743, -88.5367



136.8440, 50.3629, -6.8792



127.1070, -62.6638, 32.3552

Square

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



136.8440, 50.3629, -6.8792



128.7470, -22.5533, 94.0609



120.0260, -56.7078, -11.4238



116.9820, 36.9839, -102.5932

Rectangle

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



136.8440, 50.3629, -6.8792



132.2090, 13.7010, 85.7627



120.0260, -56.7078, -11.4238



107.2750, 2.3294, -94.0802

Sweetspot

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



136.8440, 50.3629, -6.8792



221.9300, 16.3035, -2.5696



199.0220, 19.7092, -68.4253



107.9210, 9.8989, -1.6847



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.



136.8440, 50.3629, -6.8792



125.0900, 64.0456, -8.8489



154.4850, 41.6659, 29.3927



109.6670, 5.0942, -0.5850



24.5640, 78.6019, -11.0186



7.5800, 23.8711, -3.1397

Inverse Universe

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



168.8220, 30.6538, 61.5461



165.8100, 39.0407, 78.2196



205.5150, -41.6659, -29.3927



112.8420, 3.0359, 6.2776



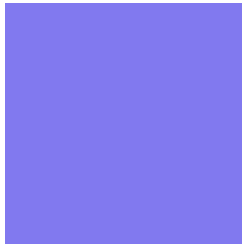
74.5100, 47.5696, 96.0227



22.6720, 14.4587, 29.2287

Previews

White Background



This preview shows how the YUV color 136.8440, 50.3629, -6.8792 looks on a white background.

Color Contrast Check

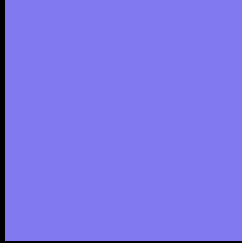
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 136.8440, 50.3629, -6.8792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

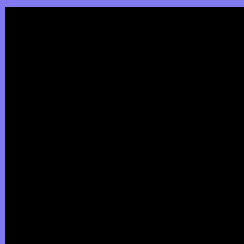
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.8440, 50.3629, -6.8792

Background



This preview shows how black text looks on a background with the YUV color 136.8440, 50.3629, -6.8792.



This preview shows how white text looks on a background with the YUV color 136.8440, 50.3629, -6.8792.

-6.8792.

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

136.8440, 50.3629, -6.8792

Protanopia

128.4090, 59.9444, -46.8397

Deuteranopia

123.9530, 54.7462, -59.5948



Tritanopia

132.1910, 10.2588, -23.8465

Trichromacy



Original Color

136.8440, 50.3629, -6.8792

Protanomaly

131.5850, 56.4066, -32.0850

Deuteranomaly

128.6180, 52.9393, -40.0070

Tritanomaly

133.7200, 24.7880, -17.2944

Monochromacy



Original Color

136.8440, 50.3629, -6.8792

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.7990, 18.3401, -2.4547

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8440, 50.3629, -6.8792 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(129, 121, 239)` looks like.

```
.text, #text, p{  
    color:rgb(129, 121, 239)  
}
```

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(129, 121, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 121, 239) }
```

Border

The CSS property to change the border of an element to YUV 136.8440, 50.3629, -6.8792 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(129, 121, 239) }
```


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

```
.border{ border-color:rgb(129, 121, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 121, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 121, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 121, 239);  
box-shadow:4px 4px 4px 4px rgb(129, 121,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 136.8440, 50.3629, -6.8792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 121, 239) }
```

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

```
.background{ background-color: rgb(129,  
121, 239) }
```

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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