

Converting Colors

YUV(131.3870, 36.7842, 8.4306)

Have a look what the booklet for
YUV(131.3870, 36.7842, 8.4306)
contains.

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Color

**YUV(131.3870, 36.7842,
8.4306)**

Conversions

Conversions Part 1

Format	Color
Hex	8D70CE
RGB	141, 112, 206
RGB Percent	55%, 44%, 81%
CMY	0.4471, 0.5608, 0.1922
CMYK	0.32, 0.46, 0.00, 0.19
HSL	259°, 49%, 62%
HSV	259°, 46%, 81%
XYZ	27.9193, 21.7073, 61.1109
YIQ	131.3870, -12.8900, 35.3820

Conversions

Conversions Part 2

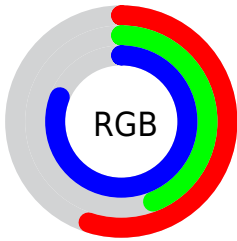
Format	Color
R _Y B	141, 112, 206
Decimal	9269454
CIE Lab	53.72, 31.88, -44.78
CIE LCh	54, 54.964, 305.448
Yxy	21.7073, 0.2521, 0.1960
Android (android.graphics.Color)	4287459534 (0xFF8D70CE)
YUV	131.3870, 36.7842, 8.4306
Hunter-Lab	46.5911, 25.4300, -45.1536

Details

The YUV color **131.3870, 36.7842, 8.4306** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **186.6130, -36.7842, -8.4306**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.2410, 34.8842, 11.1896**, and **80.2080, 34.9005, 5.9566** is the 20% darker color. If you saturate the color by 10%, you get **114.8740, 44.9251, 10.6345**, and if you desaturate by 10%, it is **147.9000, 28.6433, 6.2267**.

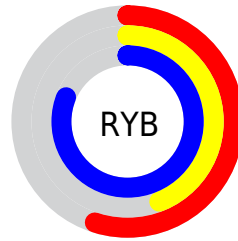
Distribution



Red (55%)

Green (44%)

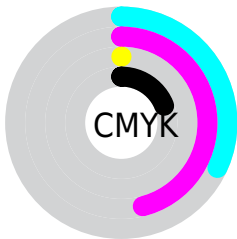
Blue (81%)



Red (55%)

Yellow (44%)

Blue (81%)

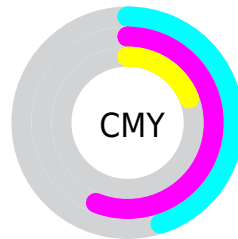


Cyan (32%)

Magenta (46%)

Yellow (0%)

Black (19%)



Cyan (45%)


Magenta (56%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.3870, 36.7842, 8.4306 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 131.3870, 36.7842, 8.4306 by changing the saturation by 10% instead.


 131.3870, 36.7842,
8.4306


 131.3870, 36.7842,
8.4306


255.0000, 0.0000,
0.0000


 105.4470, 35.7686,
7.5010


 184.2410, 34.8842,
11.1896


 80.2080, 34.9005,
5.9566


 208.7610, 22.7958,
15.1186


 56.5560, 33.7429,
3.8974

 233.8680, 10.4181,
18.5328

 32.3060, 32.8801,
0.6086

 250.8910, 2.0257,
3.6036

 8.5500, 32.7599,
-7.4984

 6.4010, 21.9873,
-5.6137

 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 131.3870, 36.7842,
8.4306

■ 131.3870, 36.7842,
8.4306

■ 114.8740, 44.9251,
10.6345

■ 147.9000, 28.6433,
6.2267

■ 98.9480, 52.7766,
12.3236

■ 163.8260, 20.7918,
4.5376

■ 82.1360, 61.0650,
13.9127

■ 180.6380, 12.5035,
2.9485

■ 66.2100, 68.9165,
15.6018

■ 196.5640, 4.6519,
1.2594

■ 49.6970, 77.0574,
17.8057

■ 213.0770, -3.4890,
-0.9445

■ 42.6200, 80.5463,
18.7503

■ 229.5900,
-11.6299, -3.1484

■ 245.2280,
-19.3394, -3.7080

■ 249.4140,
-21.4031, 4.8989

Harmonies

Analogous

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



108.2990, 56.5476, -77.4382



131.3870, 36.7842, 8.4306



130.6780, 18.8927, 53.7794

Triad

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



131.3870, 36.7842, 8.4306



124.2060, -42.4996, 51.5623



104.1410, 15.7065, -91.3317

Complementary

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



131.3870, 36.7842, 8.4306



186.6130, -36.7842, -8.4306

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.



96.7940, -4.8284, -84.8883



131.3870, 36.7842, 8.4306



121.3580, -49.9695, 20.7340

Square

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



131.3870, 36.7842, 8.4306



124.8600, -24.0880, 72.9138



116.1880, -35.5887, -18.5819



108.7980, 36.0886, -95.4158

Rectangle

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



131.3870, 36.7842, 8.4306



127.5310, 5.1612, 71.4483



116.1880, -35.5887, -18.5819



101.6160, 8.5703, -89.1172

Sweetspot

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



131.3870, 36.7842, 8.4306



226.3930, 14.1033, 3.1633



161.4580, 21.9592, -43.3747



110.6010, 8.5777, 2.1039



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.



131.3870, 36.7842, 8.4306



143.8170, 54.8132, 12.4385



145.1410, 30.0035, 36.7103



94.0370, 3.9258, 0.8446



34.1730, 64.9907, 14.7573



7.9200, 14.8294, 3.5782

Inverse Universe

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



147.5160, 14.5356, 51.2905



167.9180, 21.7324, 76.3709



172.8590, -30.0035, -36.7103



95.7880, 1.5835, 5.4479



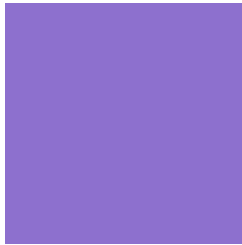
62.7440, 25.7622, 90.5555



14.3260, 5.7553, 20.7621

Previews

White Background



This preview shows how the YUV color 131.3870, 36.7842, 8.4306 looks on a white background.

Color Contrast Check

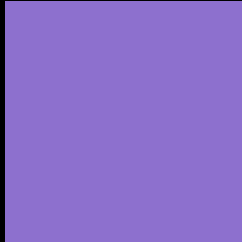
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.3870, 36.7842, 8.4306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

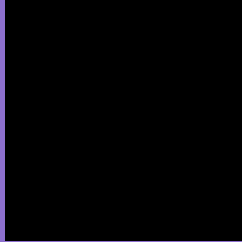
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.3870, 36.7842, 8.4306

Background



This preview shows how black text looks on a background with the YUV color 131.3870, 36.7842, 8.4306.



This preview shows how white text looks on a background with the YUV color 131.3870, 36.7842, 8.4306.

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

131.3870, 36.7842, 8.4306

Protanopia

124.8380, 45.9289, -31.4299

Deuteranopia

124.5900, 38.6561, -32.0894



Tritanopia

128.8410, 4.5154, -1.6146

Trichromacy



Original Color

131.3870, 36.7842, 8.4306

Protanomaly

127.1280, 42.8279, -16.7753

Deuteranomaly

126.8630, 38.0285, -17.4199

Tritanomaly

129.6640, 16.4346, 2.0487

Monochromacy



Original Color

131.3870, 36.7842, 8.4306

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.1650, 13.2297, 3.3633

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.3870, 36.7842, 8.4306 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(141, 112, 206)` looks like.

```
.text, #text, p{  
    color:rgb(141, 112, 206)  
}
```

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(141, 112, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 112, 206) }
```

Border

The CSS property to change the border of an element to YUV 131.3870, 36.7842, 8.4306 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(141, 112, 206) }
```


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

```
.border{ border-color:rgb(141, 112, 206) }
```

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

Here you see how a box with a 4 pixel rgb(141, 112, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 112, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 112, 206);  
box-shadow:4px 4px 4px 4px rgb(141, 112,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 131.3870, 36.7842, 8.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 112, 206) }
```

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

```
.background{ background-color: rgb(141,  
112, 206) }
```

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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