

Converting Colors

YUV(133.3870, 50.0952,
-14.3714)

Have a look what the booklet for
YUV(133.3870, 50.0952, -14.3714)
contains.

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Color

**YUV(133.3870, 50.0952,
-14.3714)**

Conversions

Conversions Part 1

Format	Color
Hex	757AEB
RGB	117, 122, 235
RGB Percent	46%, 48%, 92%
CMY	0.5412, 0.5216, 0.0784
CMYK	0.50, 0.48, 0.00, 0.08
HSL	237°, 75%, 69%
HSV	237°, 50%, 92%
XYZ	29.2910, 23.6991, 81.6278
YIQ	133.3870, -39.2530, 34.0830

Conversions

Conversions Part 2

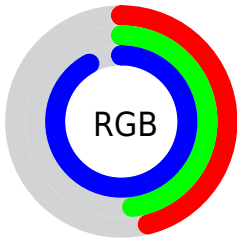
Format	Color
RYB	117, 122, 235
Decimal	7699179
CIELab	55.79, 28.31, -57.92
CIELCh	56, 64.467, 296.049
Yxy	23.6991, 0.2176, 0.1760
Android (android.graphics.Color)	4285889259 (0xFF757AEB)
YUV	133.3870, 50.0952, -14.3714
Hunter-Lab	48.6818, 22.2076, -65.3381

Details

The YUV color **133.3870, 50.0952, -14.3714** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **218.6130, -50.0952, 14.3714**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.5330, 35.2332, -7.4834**, and **80.1750, 48.2277, -22.0785** is the 20% darker color. If you saturate the color by 10%, you get **113.0090, 60.1416, -16.6709**, and if you desaturate by 10%, it is **154.0640, 39.9014, -11.4571**.

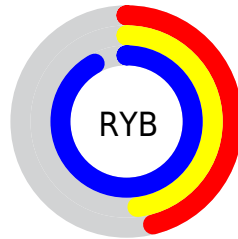
Distribution



Red (46%)

Green (48%)

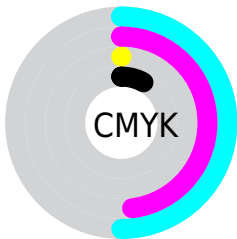
Blue (92%)



Red (46%)

Yellow (48%)

Blue (92%)

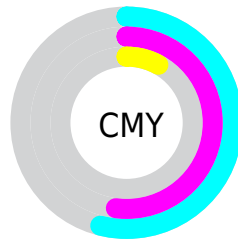


Cyan (50%)

Magenta (48%)

Yellow (0%)

Black (8%)



Cyan (54%)

Magenta (52%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.3870, 50.0952, -14.3714 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 133.3870, 50.0952, -14.3714 by changing the saturation by 10% instead.

■ 133.3870, 50.0952,
-14.3714

■ 133.3870, 50.0952,
-14.3714

255.0000, 0.0000,
0.0000

■ 106.4360, 49.0851,
-17.0454

■ 183.5330, 35.2332,
-7.4834

■ 80.1750, 48.2277,
-22.0785

■ 208.9390, 22.7081,
-3.4545

■ 49.2440, 50.1657,
-37.0480

■ 234.3450, 10.1829,
0.5744

■ 32.4470, 45.6286,
-28.4560

■ 17.7430, 40.0597,
-15.5606

■ 9.0230, 32.0337,
-7.9132

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 133.3870, 50.0952,
-14.3714

■ 133.3870, 50.0952,
-14.3714

■ 113.0090, 60.1416,
-16.6709

■ 154.0640, 39.9014,
-11.4571

■ 92.9190, 70.0459,
-20.1000

■ 173.8550, 30.1445,
-8.6428

■ 72.5410, 80.0923,
-22.3995

■ 194.2330, 20.0981,
-6.3433

■ 52.4510, 89.9967,
-25.8285

■ 214.3230, 10.1938,
-2.9143

■ 32.6600, 99.7536,
-28.6428

■ 235.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



111.9850, 66.0694, -98.2108



133.3870, 50.0952, -14.3714



136.2290, 29.9601, 50.6652

Triad

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



133.3870, 50.0952, -14.3714



128.7460, -44.7378, 69.5058



107.4690, 8.1498, -94.2503

Complementary

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



133.3870, 50.0952, -14.3714



218.6130, -50.0952, 14.3714

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.



101.0260, -16.7748, -79.8298



133.3870, 50.0952, -14.3714



125.3570, -61.8010, 35.6439

Square

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



133.3870, 50.0952, -14.3714



127.2350, -19.3429, 91.0019



119.7000, -55.5611, -5.8759



113.9670, 33.0473, -99.9491

Rectangle

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



133.3870, 50.0952, -14.3714



131.5070, 15.0330, 78.4854



119.7000, -55.5611, -5.8759



104.7160, 0.1400, -91.8359

Sweetspot

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



133.3870, 50.0952, -14.3714



221.9190, 16.3089, -4.3140



199.0340, 14.7732, -71.9438



108.2090, 9.7570, -2.8143



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.



133.3870, 50.0952, -14.3714



122.9640, 65.0937, -18.3854



146.2990, 43.7296, 20.7858



107.2540, 4.8048, -1.0998



25.3300, 76.7453, -22.2144



7.3300, 23.0083, -6.4284

Inverse Universe

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



152.8520, -15.2100, 72.0438



148.4310, -19.9325, 93.4610



205.7010, -43.7296, -20.7858



109.2890, -1.6215, 6.7625



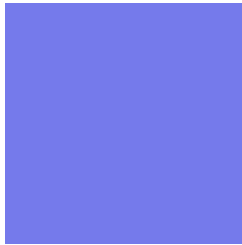
55.0310, -23.1863, 110.4748



16.3740, -7.0864, 32.9980

Previews

White Background



This preview shows how the YUV color 133.3870, 50.0952, -14.3714 looks on a white background.

Color Contrast Check

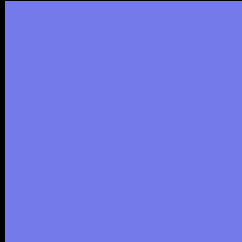
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.3870, 50.0952, -14.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

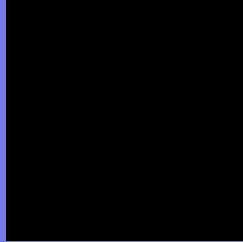
Any Text WCAG AA ✓ Pass

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 133.3870, 50.0952, -14.3714 Background



This preview shows how black text looks on a background with the YUV color 133.3870, 50.0952, -14.3714.



This preview shows how white text looks on a background with the YUV color 133.3870, 50.0952, -14.3714.

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

133.3870, 50.0952, -14.3714

Protanopia

127.0350, 57.1707, -43.8807

Deuteranopia

121.5400, 54.4568, -60.1096



Tritanopia

127.4180, 12.6119, -31.9386

Trichromacy



Original Color

133.3870, 50.0952, -14.3714

Protanomaly

129.4170, 54.5174, -32.8147

Deuteranomaly

125.5960, 52.9502, -43.4957

Tritanomaly

129.4200, 26.4149, -25.8013

Monochromacy



Original Color

133.3870, 50.0952, -14.3714

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0760, 18.2035, -5.3287

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.3870, 50.0952, -14.3714 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(117, 122, 235)` looks like.

```
.text, #text, p{  
    color:rgb(117, 122, 235)  
}
```

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(117, 122, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 122, 235) }
```

Border

The CSS property to change the border of an element to YUV 133.3870, 50.0952, -14.3714 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(117, 122, 235) }
```


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

```
.border{ border-color:rgb(117, 122, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 122, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 122, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 122, 235);  
box-shadow:4px 4px 4px 4px rgb(117, 122,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 133.3870, 50.0952, -14.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 122, 235) }
```

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

```
.background{ background-color: rgb(117,  
122, 235) }
```

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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