

Converting Colors

YUV(135.3670, 47.1471,
-2.0759)

Have a look what the booklet for
YUV(135.3670, 47.1471, -2.0759)
contains.

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Color

**YUV(135.3670, 47.1471,
-2.0759)**

Conversions

Conversions Part 1

Format	Color
Hex	8576E7
RGB	133, 118, 231
RGB Percent	52%, 46%, 91%
CMY	0.4784, 0.5373, 0.0941
CMYK	0.42, 0.49, 0.00, 0.09
HSL	248°, 70%, 68%
HSV	248°, 49%, 91%
XYZ	30.5751, 23.7129, 78.5669
YIQ	135.3670, -27.3330, 38.3230

Conversions

Conversions Part 2

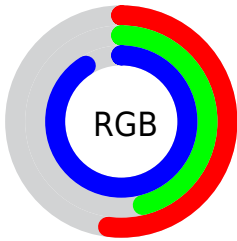
Format	Color
RYB	133, 118, 231
Decimal	8746727
CIELab	55.80, 33.11, -55.59
CIELCh	56, 64.710, 300.780
Yxy	23.7129, 0.2301, 0.1785
Android (android.graphics.Color)	4286936807 (0xFF8576E7)
YUV	135.3670, 47.1471, -2.0759
Hunter-Lab	48.6959, 26.8584, -61.5724

Details

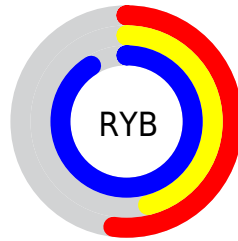
The YUV color **135.3670, 47.1471, -2.0759** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **213.6330, -47.1471, 2.0759**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.6700, 34.1797, 3.7974**, and **83.1770, 45.2687, -6.2942** is the 20% darker color. If you saturate the color by 10%, you get **115.8860, 56.7512, -2.5310**, and if you desaturate by 10%, it is **154.8480, 37.5429, -1.6207**.

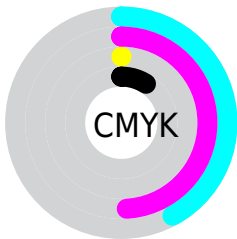
Distribution



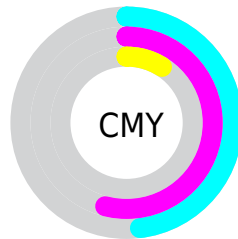
- Red (52%)
- Green (46%)
- Blue (91%)



- Red (52%)
- Yellow (46%)
- Blue (91%)



- Cyan (42%)
- Magenta (49%)
- Yellow (0%)
- Black (9%)



- Cyan (48%)
- Magenta (54%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.3670, 47.1471, -2.0759 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 135.3670, 47.1471, -2.0759 by changing the saturation by 10% instead.

■ 135.3670, 47.1471,
-2.0759

■ 135.3670, 47.1471,
-2.0759

255.0000, 0.0000,
0.0000

■ 109.0140, 45.8421,
-3.5203

■ 185.6700, 34.1797,
3.7974

■ 83.1770, 45.2687,
-6.2942

■ 211.0760, 21.6545,
7.8263

■ 57.8020, 43.9746,
-11.2274

■ 236.1830, 9.2768,
11.2405

■ 28.4690, 45.6178,
-24.9673

■ 13.8790, 40.4857,
-12.1719

■ 8.0940, 31.0127,
-7.0984

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 135.3670, 47.1471,
-2.0759

■ 135.3670, 47.1471,
-2.0759

■ 115.8860, 56.7512,
-2.5310

■ 154.8480, 37.5429,
-1.6207

■ 96.4050, 66.3553,
-2.9862

■ 174.3290, 27.9388,
-1.1655

■ 76.9240, 75.9595,
-3.4413

■ 193.8100, 18.3347,
-0.7104

■ 57.4430, 85.5636,
-3.8965

■ 213.2910, 8.7305,
-0.2552

■ 37.3750, 95.4571,
-3.8369

■ 233.3590, -1.1630,
-0.3148

■ 35.6030, 96.3307,
-4.0368

■ 251.6660,
-10.1883, 1.1699

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



110.3380, 67.3744, -96.7664



135.3670, 47.1471, -2.0759



135.4750, 26.8808, 58.3424

Triad

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



135.3670, 47.1471, -2.0759



127.6870, -48.6527, 65.1725



108.6090, 12.5178, -95.2501

Complementary

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



135.3670, 47.1471, -2.0759



213.6330, -47.1471, 2.0759

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.



99.5350, -12.0958, -87.2922



135.3670, 47.1471, -2.0759



125.0250, -61.6373, 29.7961

Square

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



135.3670, 47.1471, -2.0759



127.4860, -23.4106, 89.0278



118.8390, -49.7136, -14.7678



114.9930, 36.9785, -100.8489

Rectangle

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



135.3670, 47.1471, -2.0759



130.0300, 11.8172, 83.2887



118.8390, -49.7136, -14.7678



105.7420, 4.0712, -92.7357

Sweetspot

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



135.3670, 47.1471, -2.0759



222.8270, 15.8613, -0.7253



189.5820, 20.4191, -62.7774



108.5190, 9.6041, -0.4552



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.



135.3670, 47.1471, -2.0759



128.0800, 62.5716, -2.7012



151.8120, 39.0397, 31.7369



104.9660, 4.9468, 0.0298



27.5820, 74.6491, -3.1414



7.9070, 21.2448, -0.7954

Inverse Universe

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



162.9590, 26.1492, 59.6720



164.6700, 34.6727, 79.2194



197.1880, -39.0397, -31.7369



107.7280, 2.5991, 6.3775



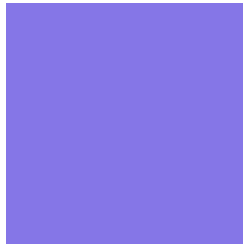
71.1910, 41.3178, 94.5485



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 135.3670, 47.1471, -2.0759 looks on a white background.

Color Contrast Check

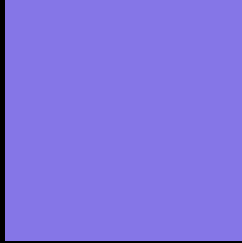
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.3670, 47.1471, -2.0759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

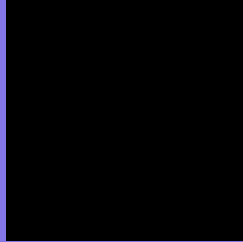
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.3670, 47.1471, -2.0759

Background



This preview shows how black text looks on a background with the YUV color 135.3670, 47.1471, -2.0759.



This preview shows how white text looks on a background with the YUV color 135.3670, 47.1471, -2.0759.

-2.0759.

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

135.3670, 47.1471, -2.0759

Protanopia

127.3340, 57.0233, -43.2659

Deuteranopia

124.5580, 50.5039, -52.2324



Tritanopia

131.4800, 8.6374, -17.0840

Trichromacy



Original Color

135.3670, 47.1471, -2.0759

Protanomaly

130.5100, 53.4856, -28.5113

Deuteranomaly

128.6250, 48.9919, -33.8741

Tritanomaly

133.1830, 22.5878, -11.5615

Monochromacy



Original Color

135.3670, 47.1471, -2.0759

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.1690, 17.1717, -1.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.3670, 47.1471, -2.0759 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(133, 118, 231)` looks like.

```
.text, #text, p{  
    color:rgb(133, 118, 231)  
}
```

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(133, 118, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 118, 231) }
```

Border

The CSS property to change the border of an element to YUV 135.3670, 47.1471, -2.0759 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(133, 118, 231) }
```


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

```
.border{ border-color:rgb(133, 118, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 118, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 118, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 118, 231);  
box-shadow:4px 4px 4px 4px rgb(133, 118,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 135.3670, 47.1471, -2.0759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 118, 231) }
```

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

```
.background{ background-color: rgb(133,  
118, 231) }
```

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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