

# Converting Colors

YUV(13.4630, 34.7747, -0.4061)

Have a look what the booklet for  
YUV(13.4630, 34.7747, -0.4061)  
contains.

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# Color

**YUV(13.4630, 34.7747,  
-0.4061)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D0054
RGB	13, 0, 84
RGB Percent	5%, 0%, 33%
CMY	0.9490, 1.0000, 0.6706
CMYK	0.85, 1.00, 0.00, 0.67
HSL	249°, 100%, 16%
HSV	249°, 100%, 33%
XYZ	1.7662, 0.7257, 8.4345
YIQ	13.4630, -19.2160, 28.8800

# Conversions

## Conversions Part 2

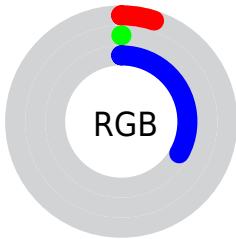
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 0, 84
Decimal	852052
CIE Lab	6.55, 35.22, -46.37
CIE LCh	7, 58.226, 307.216
Yxy	0.7257, 0.1616, 0.0664
Android (android.graphics.Color)	4279042132 (0xFF0D0054)
YUV	13.4630, 34.7747, -0.4061
Hunter-Lab	8.5186, 22.1022, -52.7418

# Details

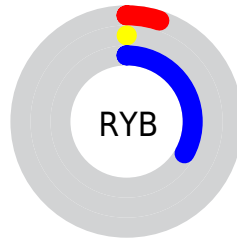
The YUV color **13.4630, 34.7747, -0.4061** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **70.5370, -34.7747, 0.4061**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.7460, 35.6212, 8.1158**, and **5.3920, 15.5827, -4.7288** is the 20% darker color. If you saturate the color by 10%, you get **13.4630, 34.7747, -0.4061**, and if you desaturate by 10%, it is **20.2520, 31.4278, -0.2210**.

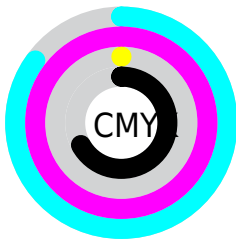
# Distribution



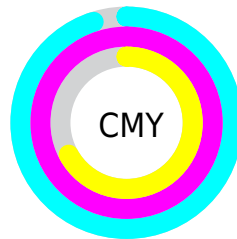
- Red (5%)
- Green (0%)
- Blue (33%)



- Red (5%)
- Yellow (0%)
- Blue (33%)



- Cyan (85%)
- Magenta (100%)
- Yellow (0%)
- Black (67%)



- Cyan (95%)
- Magenta (100%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 13.4630, 34.7747, -0.4061 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 13.4630, 34.7747, -0.4061 by changing the saturation by 10% instead.



■ 13.4630, 34.7747,  
-0.4061

■ 13.4630, 34.7747,  
-0.4061

■ 237.3900, 8.6817,  
15.4440

■ 6.8400, 26.2079,  
-5.9987

■ 62.7460, 35.6212,  
8.1158

■ 5.3920, 15.5827,  
-4.7288

■ 87.2840, 36.3420,  
10.2749

■ 2.1830, 5.8258,  
-1.9145

■ 113.2240, 37.3576,  
11.2046

■ 0.0000, 0.0000,  
0.0000

■ 139.1640, 38.3731,  
12.1342

■ 166.1040, 39.3887,  
13.0638

■ 191.0630, 31.5209,

16.6077

■ 216.1700, 19.1432,  
20.0219

■ 13.4630, 34.7747,  
-0.4061

■ 20.2520, 31.4278,  
-0.2210

■ 27.6280, 27.7914,  
-0.5508

■ 34.4170, 24.4444,  
-0.3657

■ 41.7930, 20.8081,  
-0.6955

■ 48.8810, 17.3137,  
0.1044

■ 55.6700, 13.9667,  
0.2894

■ 63.0460, 10.3303,  
-0.0403

■ 69.8350, 6.9833,  
0.1447

■ 77.2110, 3.3470,  
-0.1850

# Harmonies

## Analogous

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



26.7760, 36.5924, -23.4826



13.4630, 34.7747, -0.4061



26.1460, 12.2530, 36.7060

# Triad

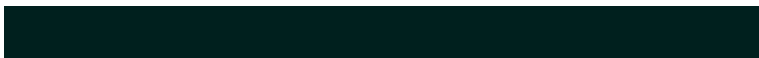
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.4630, 34.7747, -0.4061



16.4120, -8.0911, 28.5797



22.2040, 3.8434, -19.4729

# Complementary

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



13.4630, 34.7747, -0.4061



70.5370, -34.7747, 0.4061

# 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.



18.1970, -8.9711, -15.9588



13.4630, 34.7747, -0.4061



18.5840, -9.1619, -1.3892

# Square

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



13.4630, 34.7747, -0.4061



20.9300, -10.3185, 43.0344



18.1970, -8.9711, -15.9588



27.7100, 19.8630, -24.3017



# Rectangle

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



13.4630, 34.7747, -0.4061



26.2860, -0.1410, 45.3532



18.1970, -8.9711, -15.9588



19.9070, -2.4192, -17.4584

# Sweetspot

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



13.4630, 34.7747, -0.4061



82.2570, 13.6773, -0.2254



51.2530, 16.1443, -44.9489



39.1770, 8.2937, -0.1552



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.4630, 34.7747, -0.4061



17.6230, 45.5419, -0.5464



26.0210, 28.5836, 25.4146



37.4560, 1.7472, -0.3999



16.7540, 43.5053, -0.6613



37.2120, 96.0305, -1.0629



# Inverse Universe

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



33.2100, 18.6305, 44.5428



43.4920, 24.4074, 58.3275



57.9790, -28.5836, -25.4146



38.5380, 0.7208, 2.1592



41.4270, 22.9605, 55.7535

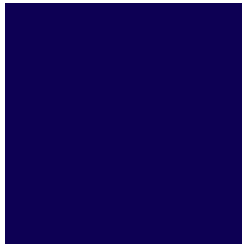


91.7120, 51.4140, 123.0326



# Previews

## White Background



This preview shows how the YUV color 13.4630, 34.7747, -0.4061 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

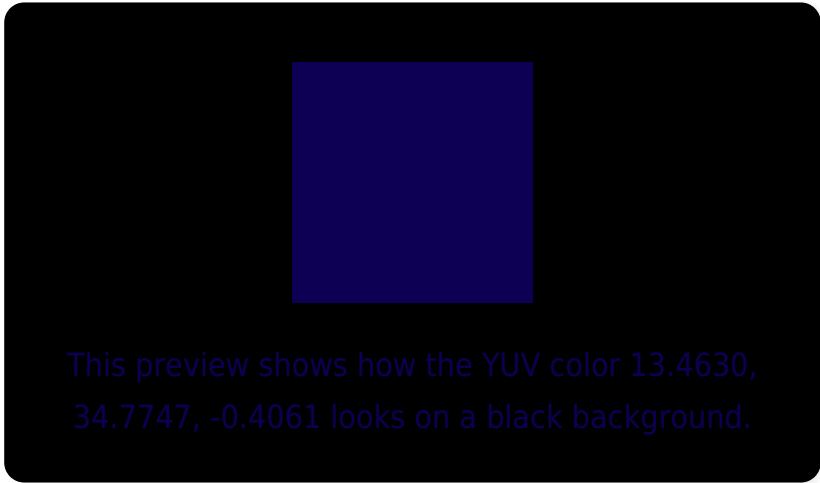
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

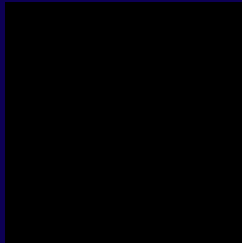
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 13.4630, 34.7747, -0.4061**

## **Background**



This preview shows how black text looks on a background with the YUV color 13.4630, 34.7747, -0.4061.



This preview shows how white text looks on a background with the YUV color 13.4630, 34.7747, -0.4061.

-0.4061.

# 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



### Protanopia

20.7170, 15.9155, -18.1688

### Deuteranopia

20.9790, 11.8424, -18.3986

### Tritanopia

20.4430, 4.7116, -17.9285

# Trichromacy



## Protanomaly

18.1830, 22.5878, -11.5615

## Deuteranomaly

18.2000, 20.1144, -11.5764

## Tritanomaly

17.7610, 15.8938, -11.1914

# Monochromacy



## Achromatopsia

13.0000, 0.0000, 0.0000

## Achromatomaly

13.0290, 12.8037, -0.0254

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 13.4630, 34.7747, -0.4061 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(13, 0, 84)` looks like.

```
.text, #text, p{  
    color:rgb(13, 0, 84)  
}
```

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(13, 0, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 0, 84) }
```

## Border

The CSS property to change the border of an element to YUV 13.4630, 34.7747, -0.4061 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(13, 0, 84) }
```

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

```
.border{ border-color:rgb(13, 0, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 0, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 0, 84); -webkit-box-shadow:4px  
4px 4px 4px rgb(13, 0, 84); box-shadow:4px  
4px 4px 4px rgb(13, 0, 84) }
```



# Background

The CSS property to change the background color of an element to YUV 13.4630, 34.7747, -0.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 0, 84) }
```

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

```
.background{ background-color: rgb(13, 0,  
84) }
```

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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