

# Converting Colors

YUV(13.5170, -4.1989, -6.5924)

Have a look what the booklet for  
YUV(13.5170, -4.1989, -6.5924)  
contains.

<b>YUV(13.5170, -4.1989, -6.5924)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(13.5170, -4.1989,  
-6.5924)**

# Conversions

## Conversions Part 1

Format	Color
Hex	061305
RGB	6, 19, 5
RGB Percent	2%, 7%, 2%
CMY	0.9765, 0.9255, 0.9804
CMYK	0.68, 0.00, 0.74, 0.93
HSL	116°, 58%, 5%
HSV	116°, 74%, 7%
XYZ	0.3354, 0.5154, 0.2254
YIQ	13.5170, -3.2540, -7.1100

# Conversions

## Conversions Part 2

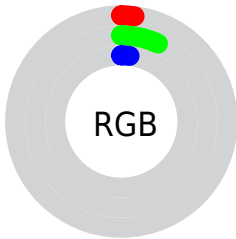
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">5, 19, 18</a>
Decimal	<a href="#">398085</a>
CIELab	<a href="#">4.66, -6.33, 4.80</a>
CIELCh	<a href="#">5, 7.946, 142.807</a>
Yxy	<a href="#">0.5154, 0.3116, 0.4789</a>
Android (android.graphics.Color)	<a href="#">4278588165 (0xFF061305)</a>
YUV	<a href="#">13.5170, -4.1989, -6.5924</a>
Hunter-Lab	<a href="#">7.1793, -4.2253, 3.1641</a>

# Details

The YUV color **13.5170, -4.1989, -6.5924** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **10.4830, 4.1989, 6.5924**, and the grayscale version is **14.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **56.8700, -2.8939, -5.1480**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **12.6910, -4.7777, -7.6220**, and if you desaturate by 10%, it is **14.3430, -3.6201, -5.5628**.

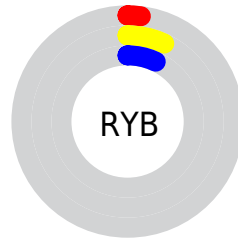
# Distribution



Red (2%)

Green (7%)

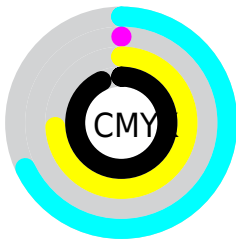
Blue (2%)



Red (2%)

Yellow (7%)

Blue (7%)

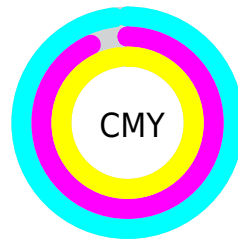


Cyan (68%)

Magenta (0%)

Yellow (74%)

Black (93%)



Cyan (98%)

Magenta (93%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 13.5170, -4.1989, -6.5924 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 13.5170, -4.1989, -6.5924 by changing the saturation by 10% instead.



■ 13.5170, -4.1989,  
-6.5924

■ 13.5170, -4.1989,  
-6.5924

■ 237.9300, -3.9095,  
-6.0776

■ 0.0000, 0.0000,  
0.0000

■ 56.8700, -2.8939,  
-5.1480

■ 79.8700, -2.8939,  
-5.1480

■ 104.3430, -3.6201,  
-5.5628

■ 129.3430, -3.6201,  
-5.5628

■ 155.3430, -3.6201,  
-5.5628

■ 182.0440, -3.4727,

-6.1776

■ 209.9300, -3.9095,  
-6.0776

■ 13.5170, -4.1989,  
-6.5924

■ 13.5170, -4.1989,  
-6.5924

■ 12.6910, -4.7777,  
-7.6220

■ 14.3430, -3.6201,  
-5.5628

■ 11.8650, -5.3564,  
-8.6516

■ 15.1690, -3.0413,  
-4.5332

■ 11.4520, -5.6458,  
-9.1664

■ 15.6960, -2.3151,  
-4.1184

■ 16.5220, -1.7363,  
-3.0888

■ 17.3480, -1.1576,  
-2.0592

■ 18.0600, -1.0156,  
-0.9296

■ 18.5870, -0.2894,  
-0.5148

■ 19.4130, 0.2894,  
0.5148

■ 20.2390, 0.8682,  
1.5444

# Harmonies

## Analogous

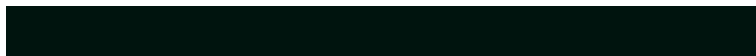
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.7630, -7.2782, 1.0848



13.5170, -4.1989, -6.5924



13.3360, 0.3274, -11.6957

# Triad

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



13.5170, -4.1989, -6.5924



14.5520, 6.1369, -8.3771



16.2680, -3.0901, 11.1660

# Complementary

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



13.5170, -4.1989, -6.5924



10.4830, 4.1989, 6.5924

# 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.



16.5820, 0.6991, 9.1366



13.5170, -4.1989, -6.5924



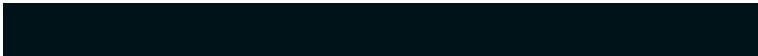
16.6670, 5.0942, -0.5850

# Square

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



13.5170, -4.1989, -6.5924



14.0030, 5.4215, -12.2806



16.5430, 3.1833, 5.6628



15.3450, -6.5791, 10.2214



# Rectangle

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



13.5170, -4.1989, -6.5924



13.9060, 2.5113, -12.1956



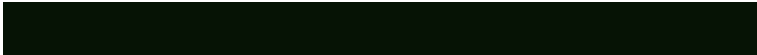
16.5430, 3.1833, 5.6628



16.3110, -1.6323, 10.2513

# Sweetspot

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



13.5170, -4.1989, -6.5924



23.5220, -1.7363, -3.0888



16.8170, -5.8258, 1.9145



11.6470, -1.3050, -1.4444



140.0000, 0.0000, 0.0000

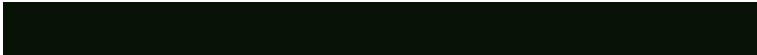


13.0000, 0.0000, 0.0000



# Same Dimension

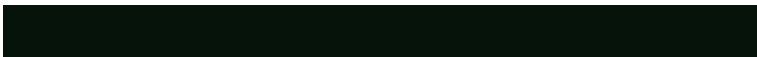
The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.5170, -4.1989, -6.5924



17.0990, -6.9508, -10.6108



13.9020, -1.4307, -7.8071



9.5870, -0.2894, -0.5148



44.9330, -22.1520, -35.0212



122.1730, -60.2313, -94.8677



# Inverse Universe

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



10.4830, 4.1989, 6.5924



11.9010, 6.9508, 10.6108



10.0980, 1.4307, 7.8071



9.4130, 0.2894, 0.5148



29.0670, 22.1520, 35.0212

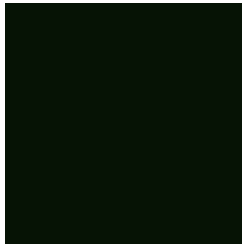


78.8270, 60.2313, 94.8677



# Previews

## White Background



This preview shows how the YUV color 13.5170, -4.1989, -6.5924 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

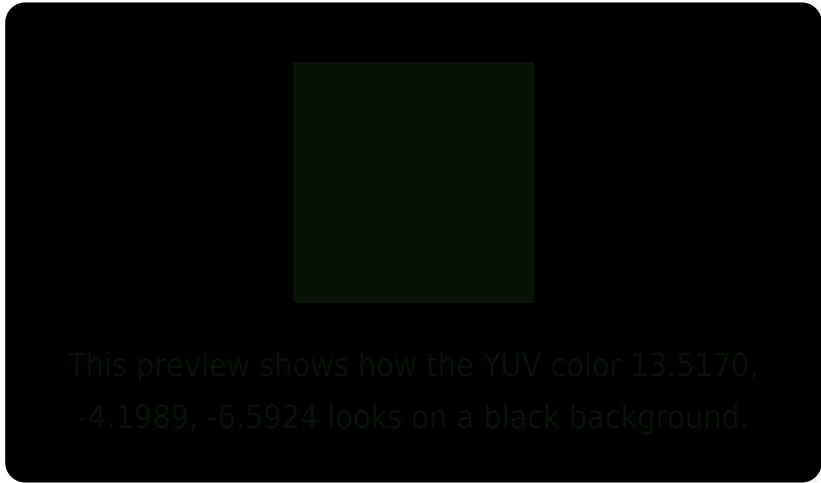
Any Text WCAG AA ✓ Pass

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

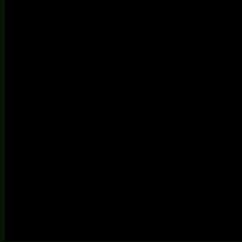
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 13.5170, -4.1989, -6.5924

## Background



This preview shows how black text looks on a background with the YUV color 13.5170, -4.1989, -6.5924.



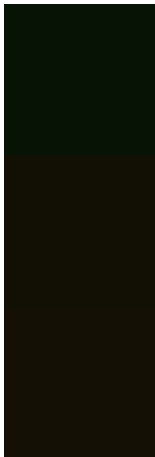
This preview shows how white text looks on a background with the YUV color 13.5170, -4.1989, -6.5924.

-6.5924.

# 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

13.5170, -4.1989, -6.5924

### Protanopia

15.2300, -5.5364, 2.4293

### Deuteranopia

16.0560, -4.9576, 3.4589



**Tritanopia**

15.7220, 1.6161, -5.0182

# Trichromacy



## Original Color

13.5170, -4.1989, -6.5924

## Protanomaly

14.6210, -5.2362, -0.5446

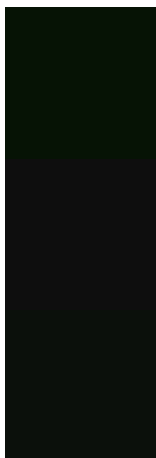
## Deuteranomaly

15.1480, -4.5100, -0.1298

## Tritanomaly

14.8530, -0.4205, -5.1331

# Monochromacy



## Original Color

13.5170, -4.1989, -6.5924

## Achromatopsia

14.0000, 0.0000, 0.0000

## Achromatomaly

13.9350, -1.4470, -2.5740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 13.5170, -4.1989, -6.5924 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(6, 19, 5)` looks like.

```
.text, #text, p{  
    color:rgb(6, 19, 5)  
}
```

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(6, 19, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 19, 5) }
```

## Border

The CSS property to change the border of an element to YUV 13.5170, -4.1989, -6.5924 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(6, 19, 5) }
```



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

```
.border{ border-color:rgb(6, 19, 5) }
```

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

Here you see how a box with a 4 pixel rgb(6, 19, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 19, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 19, 5); box-shadow:4px  
4px 4px 4px rgb(6, 19, 5) }
```

# Background

The CSS property to change the background color of an element to YUV 13.5170, -4.1989, -6.5924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 19, 5) }
```

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

```
.background{ background-color: rgb(6, 19,  
5) }
```

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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