

Converting Colors

YUV(19.4870, 61.8779,
-13.5821)

Have a look what the booklet for
YUV(19.4870, 61.8779, -13.5821)
contains.

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Color

**YUV(19.4870, 61.8779,
-13.5821)**

Conversions

Conversions Part 1

Format	Color
Hex	040391
RGB	4, 3, 145
RGB Percent	2%, 1%, 57%
CMY	0.9843, 0.9882, 0.4314
CMYK	0.97, 0.98, 0.00, 0.43
HSL	240°, 96%, 29%
HSV	240°, 98%, 57%
XYZ	5.1935, 2.1353, 26.9265
YIQ	19.4870, -44.9860, 44.3740

Conversions

Conversions Part 2

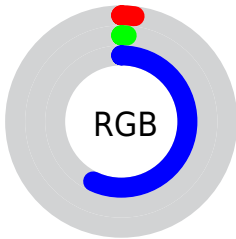
Format	Color
R_{YB}	4, 3, 145
Decimal	263057
CIE _{Lab}	16.18, 51.02, -70.05
CIE _{LCh}	16, 86.660, 306.066
Yxy	2.1353, 0.1516, 0.0623
Android (android.graphics.Color)	4278453137 (0xFF040391)
YUV	19.4870, 61.8779, -13.5821
Hunter-Lab	14.6126, 37.8689, -99.0245

Details

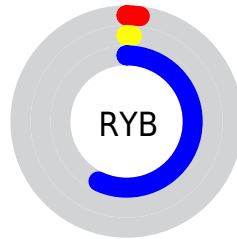
The YUV color **19.4870, 61.8779, -13.5821** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **128.5130, -61.8779, 13.5821**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.2830, 58.0345, 5.8908**, and **10.6020, 40.6222, -9.2980** is the 20% darker color. If you saturate the color by 10%, you get **16.8290, 63.1883, -13.8820**, and if you desaturate by 10%, it is **31.8910, 55.7627, -12.1824**.

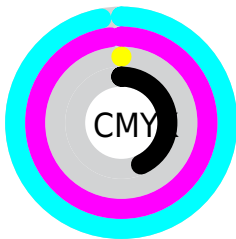
Distribution



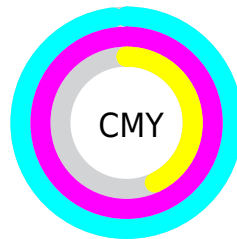
- Red (2%)
- Green (1%)
- Blue (57%)



- Red (2%)
- Yellow (1%)
- Blue (57%)



- Cyan (97%)
- Magenta (98%)
- Yellow (0%)
- Black (43%)



- Cyan (98%)
- Magenta (99%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.4870, 61.8779, -13.5821 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 19.4870, 61.8779, -13.5821 by changing the saturation by 10% instead.

■ 19.4870, 61.8779,
-13.5821

■ 19.4870, 61.8779,
-13.5821

■ 247.9560, 3.4727,
6.1776

■ 13.4520, 51.5422,
-11.7974

■ 82.2830, 58.0345,
5.8908

■ 10.6020, 40.6222,
-9.2980

■ 108.6470, 59.3340,
9.0796

■ 11.8610, 27.6765,
-10.4021

■ 135.8430, 58.7444,
11.5387

■ 6.8910, 18.7877,
-6.0434

■ 160.0750, 46.7980,
16.5972


■ 3.2090, 9.7570,
-2.8143


■ 184.8940, 34.5623,
21.1410


■ 0.0000, 0.0000,
0.0000


■ 209.7130, 22.3265,


25.6847


 230.9330, 11.8650,
21.1068


 19.4870, 61.8779,
-13.5821


 19.4870, 61.8779,
-13.5821


 16.8290, 63.1883,
-13.8820

 31.8910, 55.7627,
-12.1824

 45.1810, 49.2108,
-10.6827

 57.5850, 43.0956,
-9.2830

 70.8750, 36.5436,
-7.7834

 83.2790, 30.4285,
-6.3837

■ 96.2700, 24.0239,
-5.4988

■ 108.9730, 17.7613,
-3.4843

■ 121.9640, 11.3567,
-2.5994

■ 134.6670, 5.0942,
-0.5850

Harmonies

Analogous

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



48.8440, 60.2229, -42.8362



19.4870, 61.8779, -13.5821



44.8730, 23.2336, 61.5014

Triad

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



19.4870, 61.8779, -13.5821



28.6600, -14.1294, 52.0412



39.3870, 6.2182, -34.5424

Complementary

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



19.4870, 61.8779, -13.5821



128.5130, -61.8779, 13.5821

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.



32.8720, -16.2059, -28.8287



19.4870, 61.8779, -13.5821



37.2010, -18.3401, 2.4547

Square

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



19.4870, 61.8779, -13.5821



36.1790, -17.8362, 74.3880



31.1110, -15.3377, -27.2843



48.8030, 32.1421, -42.8002

Rectangle

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



19.4870, 61.8779, -13.5821



45.6950, 3.1084, 76.5665



31.1110, -15.3377, -27.2843



36.8790, -3.3913, -32.3429

Sweetspot

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



19.4870, 61.8779, -13.5821



140.2700, 24.0239, -5.4988



102.5420, 20.9318, -87.2983



65.0610, 14.2669, -2.6845



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



19.4870, 61.8779, -13.5821



21.8450, 82.4074, -18.2811



40.4170, 51.5594, 29.4523



64.7980, 3.0576, -0.6998



15.6890, 58.8203, -12.8823



0.9120, 3.4944, -0.7998

Inverse Universe

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



61.5320, 40.6567, 73.2014



77.8290, 53.8213, 97.4970



107.5830, -51.5594, -29.4523



66.8910, 2.0257, 3.6036



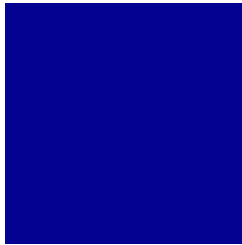
55.6410, 38.6310, 69.5978



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 19.4870, 61.8779, -13.5821 looks on a white background.

Color Contrast Check

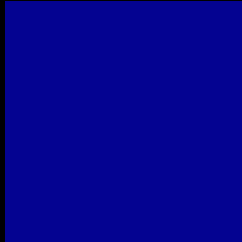
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 19.4870, 61.8779, -13.5821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

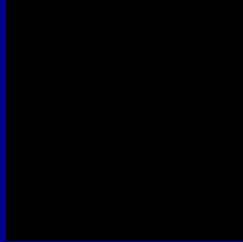
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.4870, 61.8779, -13.5821

Background



This preview shows how black text looks on a background with the YUV color 19.4870, 61.8779, -13.5821.



This preview shows how white text looks on a background with the YUV color 19.4870, 61.8779, -13.5821.

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

19.4870, 61.8779, -13.5821

Protanopia

34.8000, 26.7206, -30.5196

Deuteranopia

34.9650, 19.7373, -30.6643



Tritanopia

34.5770, 8.0965, -30.3240

Trichromacy



Original Color

19.4870, 61.8779, -13.5821

Protanomaly

29.1610, 39.3606, -24.6972

Deuteranomaly

29.3090, 34.8507, -24.8270

Tritanomaly

28.7730, 27.7199, -24.3569

Monochromacy



Original Color

19.4870, 61.8779, -13.5821

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.2270, 22.5661, -4.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.4870, 61.8779, -13.5821 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(4, 3, 145)` looks like.

```
.text, #text, p{  
    color:rgb(4, 3, 145)  
}
```

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(4, 3, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 3, 145) }
```

Border

The CSS property to change the border of an element to YUV 19.4870, 61.8779, -13.5821 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(4, 3, 145) }
```


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

```
.border{ border-color:rgb(4, 3, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 3, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 3, 145); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 3, 145); box-shadow:4px  
4px 4px 4px rgb(4, 3, 145) }
```

Background

The CSS property to change the background color of an element to YUV 19.4870, 61.8779, -13.5821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 3, 145) }
```

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

```
.background{ background-color: rgb(4, 3,  
145) }
```

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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