

Converting Colors

YUV(15.6860, 49.9478,
-13.7566)

Have a look what the booklet for
YUV(15.6860, 49.9478, -13.7566)
contains.

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Color

**YUV(15.6860, 49.9478,
-13.7566)**

Conversions

Conversions Part 1

Format	Color
Hex	000475
RGB	0, 4, 117
RGB Percent	0%, 2%, 46%
CMY	1.0000, 0.9843, 0.5412
CMYK	1.00, 0.97, 0.00, 0.54
HSL	238°, 100%, 23%
HSV	238°, 100%, 46%
XYZ	3.2543, 1.3712, 16.9228
YIQ	15.6860, -38.6570, 34.2950

Conversions

Conversions Part 2

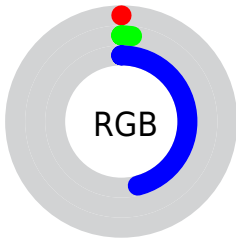
Format	Color
RYB	0, 4, 117
Decimal	1141
CIELab	11.76, 42.68, -59.66
CIELCh	12, 73.358, 305.582
Yxy	1.3712, 0.1510, 0.0636
Android (android.graphics.Color)	4278191221 (0xFF000475)
YUV	15.6860, 49.9478, -13.7566
Hunter-Lab	11.7098, 29.1154, -77.4881

Details

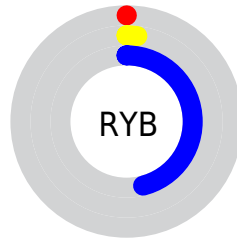
The YUV color **15.6860, 49.9478, -13.7566** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **101.3140, -49.9478, 13.7566**, and the grayscale version is **15.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.2260, 47.7096, 4.1868**, and **8.8120, 28.6867, -7.7281** is the 20% darker color. If you saturate the color by 10%, you get **15.6860, 49.9478, -13.7566**, and if you desaturate by 10%, it is **25.7310, 44.9956, -12.0421**.

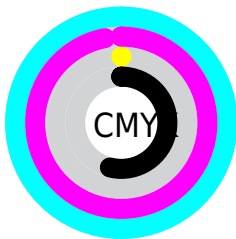
Distribution



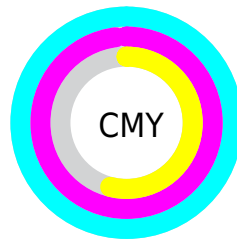
- Red (0%)
- Green (2%)
- Blue (46%)



- Red (0%)
- Yellow (2%)
- Blue (46%)



- Cyan (100%)
- Magenta (97%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (98%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 15.6860, 49.9478, -13.7566 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 15.6860, 49.9478, -13.7566 by changing the saturation by 10% instead.

■ 15.6860, 49.9478,
-13.7566

■ 15.6860, 49.9478,
-13.7566

■ 243.8470, 5.4984,
9.7812

■ 10.4880, 40.1854,
-9.1980

■ 73.2260, 47.7096,
4.1868

■ 8.8120, 28.6867,
-7.7281

■ 99.1770, 48.7197,
6.8608

■ 6.7770, 18.3509,
-5.9434

■ 125.2420, 50.1667,
9.4348

■ 3.0950, 9.3202,
-2.7143

■ 152.0680, 50.7455,
10.4644

■ 0.0000, 0.0000,
0.0000

■ 176.0010, 38.9465,
14.9081

■ 201.4070, 26.4213,

18.9371

■ 226.2260, 14.1856,
23.4808

■ 15.6860, 49.9478,
-13.7566

■ 25.7310, 44.9956,
-12.0421

■ 36.0640, 39.9014,
-11.4571

■ 46.1090, 34.9493,
-9.7426

■ 56.1540, 29.9971,
-8.0281

■ 66.1990, 25.0449,
-6.3135

■ 76.5320, 19.9507,
-5.7286

■ 86.5770, 14.9985,
-4.0140

■ 96.6220, 10.0464,
-2.2995

■ 106.9550, 4.9522,
-1.7145

Harmonies

Analogous

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



38.6250, 48.9919, -33.8741



15.6860, 49.9478, -13.7566



35.9440, 18.7616, 49.1611

Triad

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



15.6860, 49.9478, -13.7566



22.6910, -11.1867, 41.4900



30.9750, 4.4493, -27.1651

Complementary

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



15.6860, 49.9478, -13.7566



101.3140, -49.9478, 13.7566

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.



26.4150, -13.0226, -23.1660



15.6860, 49.9478, -13.7566



28.6400, -14.1195, 2.0697

Square

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



15.6860, 49.9478, -13.7566



29.3020, -14.4459, 60.2481



25.2410, -12.4438, -22.1364



38.5500, 25.8579, -33.8083

Rectangle

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



15.6860, 49.9478, -13.7566



36.3680, 2.2836, 61.0673



25.2410, -12.4438, -22.1364



28.9230, -3.4130, -25.3655

Sweetspot

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



15.6860, 49.9478, -13.7566



113.4180, 19.5139, -5.6286



81.3330, 14.6258, -71.3290



52.7790, 11.9410, -3.3142



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



15.6860, 49.9478, -13.7566



20.3770, 65.3831, -17.8706



29.1850, 43.2928, 20.8858



53.6840, 2.6208, -0.5999



16.2560, 52.1318, -14.2565



33.7830, 106.5950, -29.6277

Inverse Universe

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



35.4390, -15.4994, 71.5290



46.3170, -20.3693, 93.5610



87.8150, -43.2928, -20.8858



54.7940, -0.8844, 3.6887



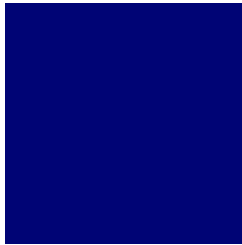
36.9340, -16.2365, 74.6029



75.7760, -32.9206, 152.7944

Previews

White Background



This preview shows how the YUV color 15.6860, 49.9478, -13.7566 looks on a white background.

Color Contrast Check

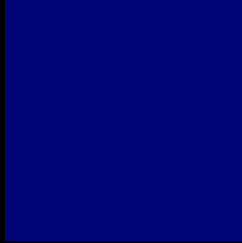
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6860, 49.9478, -13.7566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

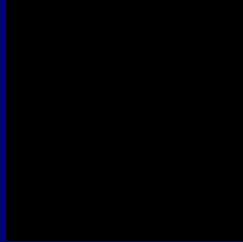
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 15.6860, 49.9478, -13.7566

Background



This preview shows how black text looks on a background with the YUV color 15.6860, 49.9478, -13.7566.



This preview shows how white text looks on a background with the YUV color 15.6860, 49.9478, -13.7566.

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

15.6860, 49.9478, -13.7566

Protanopia

28.1660, 21.6102, -24.7016

Deuteranopia

28.6730, 15.9372, -25.1462



Tritanopia

27.5670, 6.6225, -24.1763

Trichromacy



Original Color

15.6860, 49.9478, -13.7566

Protanomaly

23.5330, 31.7822, -20.6384

Deuteranomaly

23.9090, 28.1459, -20.9682

Tritanomaly

23.1280, 22.6149, -20.2833

Monochromacy



Original Color

15.6860, 49.9478, -13.7566

Achromatopsia

16.0000, 0.0000, 0.0000

Achromatomaly

16.0760, 18.2035, -5.3287

CSS Examples

Text

The CSS property to change the color of the text to YUV 15.6860, 49.9478, -13.7566 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(0, 4, 117)` looks like.

```
.text, #text, p{  
    color:rgb(0, 4, 117)  
}
```

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(0, 4, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 4, 117) }
```

Border

The CSS property to change the border of an element to YUV 15.6860, 49.9478, -13.7566 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(0, 4, 117) }
```


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

```
.border{ border-color:rgb(0, 4, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 4, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 4, 117); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 4, 117); box-shadow:4px  
4px 4px 4px rgb(0, 4, 117) }
```

Background

The CSS property to change the background color of an element to YUV 15.6860, 49.9478, -13.7566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 4, 117) }
```

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

```
.background{ background-color: rgb(0, 4,  
117) }
```

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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