

Converting Colors

YUV(99.4870, -49.0471, 4.8349)

Have a look what the booklet for
YUV(99.4870, -49.0471, 4.8349)
contains.

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Color

**YUV(99.4870, -49.0471,
4.8349)**

Conversions

Conversions Part 1

Format	Color
Hex	697400
RGB	105, 116, 0
RGB Percent	41%, 45%, 0%
CMY	0.5882, 0.5451, 1.0000
CMYK	0.09, 0.00, 1.00, 0.55
HSL	66°, 100%, 23%
HSV	66°, 100%, 45%
XYZ	12.0711, 15.4940, 2.3544
YIQ	99.4870, 30.6800, -38.4080

Conversions

Conversions Part 2

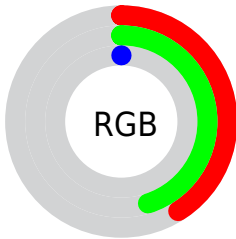
Format	Color
RYB	0, 116, 11
Decimal	6910976
CIELab	46.30, -17.22, 51.70
CIELCh	46, 54.494, 108.424
Yxy	15.4940, 0.4035, 0.5179
Android (android.graphics.Color)	4285101056 (0xFF697400)
YUV	99.4870, -49.0471, 4.8349
Hunter-Lab	39.3625, -14.1446, 24.0073

Details

The YUV color **99.4870, -49.0471, 4.8349** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **16.5130, 49.0471, -4.8349**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.3390, -44.5371, 4.9647**, and **56.0620, -27.6386, -1.8084** is the 20% darker color. If you saturate the color by 10%, you get **99.4870, -49.0471, 4.8349**, and if you desaturate by 10%, it is **101.1540, -43.9529, 4.2499**.

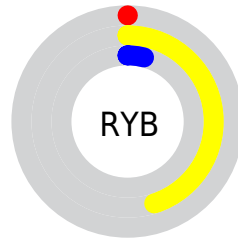
Distribution



Red (41%)

Green (45%)

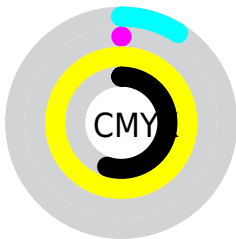
Blue (0%)



Red (0%)

Yellow (45%)

Blue (4%)

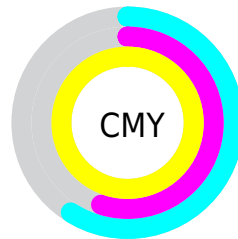


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (59%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.4870, -49.0471, 4.8349 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 99.4870, -49.0471, 4.8349 by changing the saturation by 10% instead.

■ 99.4870, -49.0471,
4.8349

■ 99.4870, -49.0471,
4.8349

255.0000, 0.0000,
0.0000

■ 77.0380, -37.9797,
1.7207

■ 153.3390,
-44.5371, 4.9647

■ 56.0620, -27.6386,
-1.8084

■ 180.8230,
-45.2687, 6.2942

■ 35.3740, -17.4394,
-6.4670

■ 208.5950,
-46.1423, 6.4942

■ 15.8490, -7.8136,
-13.8996


■ 237.0790,
-46.8739, 7.8237


■ 0.0000, 0.0000,
0.0000


■ 245.1960,
-37.5646, 8.5981


■ 248.3880,


-25.3343, 5.7987

 251.6940,
-12.6671, 2.8994


 99.4870, -49.0471,
4.8349

 101.1540,
-43.9529, 4.2499

 102.7070,
-39.2956, 3.7650

 104.3740,
-34.2014, 3.1800

 105.9270,
-29.5440, 2.6950

 107.8930,
-24.5972, 2.7248

■ 109.5600,
-19.5031, 2.1399

■ 111.1130,
-14.8457, 1.6549

■ 112.7800, -9.7515,
1.0699

■ 114.3330, -5.0942,
0.5850

Harmonies

Analogous

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



103.0550, -50.3131, 37.6628



99.4870, -49.0471, 4.8349



92.4440, -23.8829, -39.8544

Triad

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



99.4870, -49.0471, 4.8349



95.3140, 40.2712, -83.5904



108.1650, 10.2717, 65.6303

Complementary

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



99.4870, -49.0471, 4.8349



16.5130, 49.0471, -4.8349

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.



112.7550, 28.7148, 30.0329



99.4870, -49.0471, 4.8349



93.1260, 52.1959, -81.6715

Square

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



99.4870, -49.0471, 4.8349



92.5150, 21.9311, -81.1357



105.3220, 45.1973, -30.1004



104.8400, -10.2741, 75.5623

Rectangle

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



99.4870, -49.0471, 4.8349



84.1590, -5.0084, -73.8074



105.3220, 45.1973, -30.1004



110.1190, 16.7033, 56.0236

Sweetspot

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



99.4870, -49.0471, 4.8349



143.6740, -19.0663, 2.0399



40.5540, -19.9931, 66.1661



72.9110, -11.7881, 0.9551



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.



99.4870, -49.0471, 4.8349



128.7140, -63.4560, 6.3898



82.4440, -40.6449, -30.2074



58.0170, -2.4734, -0.0149



104.8030, -51.6679, 5.4348



214.3240, -105.6617, 10.2399

Inverse Universe

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



16.5130, 49.0471, -4.8349



21.2860, 63.4560, -6.3898



33.5560, 40.6449, 30.2074



53.6840, 2.6208, -0.5999



17.4960, 51.5205, -4.8200



35.6760, 105.6617, -10.2399

Previews

White Background



This preview shows how the YUV color 99.4870, -49.0471, 4.8349 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 × Fail

Black Background



This preview shows how the YUV color 99.4870, -49.0471, 4.8349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

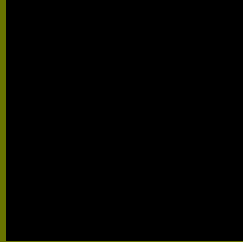
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.4870, -49.0471, 4.8349

Background



This preview shows how black text looks on a background with the YUV color 99.4870, -49.0471, 4.8349.



This preview shows how white text looks on a background with the YUV color 99.4870, -49.0471,

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



Deuteranopia

104.4760, -42.1397, 29.4005

Tritanopia

110.7060, 2.6099, 2.8888

Trichromacy



Deuteranomaly

102.4380, -44.5859, 20.6639



Tritanomaly

106.7820, -16.1615, 3.6992

Monochromacy



Achromatopsia

99.0000, 0.0000, 0.0000



Achromatomaly

99.0160, -17.7559, 1.7400

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4870, -49.0471, 4.8349 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(105, 116, 0)` looks like.

```
.text, #text, p{  
    color:rgb(105, 116, 0)  
}
```

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(105, 116, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 116, 0) }
```

Border

The CSS property to change the border of an element to YUV 99.4870, -49.0471, 4.8349 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(105, 116, 0) }
```

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

```
.border{ border-color:rgb(105, 116, 0) }
```

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

Here you see how a box with a 4 pixel rgb(105, 116, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 116, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 116, 0);  
box-shadow:4px 4px 4px 4px rgb(105, 116,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 99.4870, -49.0471, 4.8349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 116, 0) }
```

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

```
.background{ background-color: rgb(105,  
116, 0) }
```

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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