

Converting Colors

YUV(85.6490, 49.4730, -1.4462)

Have a look what the booklet for
YUV(85.6490, 49.4730, -1.4462)
contains.

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Color

**YUV(85.6490, 49.4730,
-1.4462)**

Conversions

Conversions Part 1

Format	Color
Hex	5443BA
RGB	84, 67, 186
RGB Percent	33%, 26%, 73%
CMY	0.6706, 0.7373, 0.2706
CMYK	0.55, 0.64, 0.00, 0.27
HSL	249°, 47%, 50%
HSV	249°, 64%, 73%
XYZ	14.5262, 9.4443, 47.5117
YIQ	85.6490, -28.0670, 40.6130

Conversions

Conversions Part 2

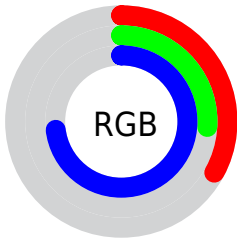
Format	Color
R _Y B	84, 67, 186
Decimal	5522362
CIE Lab	36.83, 39.63, -60.62
CIE LCh	37, 72.421, 303.174
Yxy	9.4443, 0.2032, 0.1321
Android (android.graphics.Color)	4283712442 (0xFF5443BA)
YUV	85.6490, 49.4730, -1.4462
Hunter-Lab	30.7316, 30.5933, -70.1515

Details

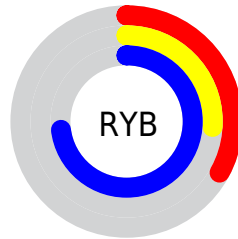
The YUV color **85.6490, 49.4730, -1.4462** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **167.3510, -49.4730, 1.4462**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2520, 51.6408, 3.2870**, and **30.3540, 50.1115, -19.6045** is the 20% darker color. If you saturate the color by 10%, you get **69.7120, 57.3300, -1.5014**, and if you desaturate by 10%, it is **101.5860, 41.6161, -1.3909**.

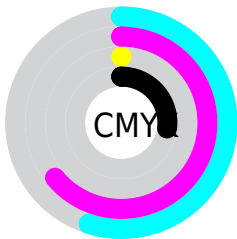
Distribution



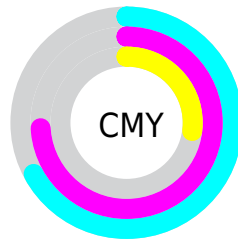
- Red (33%)
- Green (26%)
- Blue (73%)



- Red (33%)
- Yellow (26%)
- Blue (73%)



- Cyan (55%)
- Magenta (64%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (74%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.6490, 49.4730, -1.4462 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 85.6490, 49.4730, -1.4462 by changing the saturation by 10% instead.

■ 85.6490, 49.4730,
-1.4462

■ 85.6490, 49.4730,
-1.4462

255.0000, 0.0000,
0.0000

■ 59.6870, 48.4683,
-5.8645

■ 138.2520, 51.6408,
3.2870

■ 30.3540, 50.1115,
-19.6045

■ 163.5530, 45.0834,
6.5310

■ 12.6710, 46.0112,
-11.1125

■ 188.0730, 32.9950,
10.4600

■ 9.2340, 35.3806,
-8.0982

■ 212.8920, 20.7592,
15.0037

■ 9.4330, 23.4505,
-8.2727

■ 236.8030, 8.9711,
15.9588

■ 5.0500, 14.2723,
-4.4289

253.8260, 0.5788,

■ 0.9120, 3.4944,

1.0296

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 85.6490, 49.4730,
-1.4462

■ 85.6490, 49.4730,
-1.4462

■ 69.7120, 57.3300,
-1.5014

■ 101.5860, 41.6161,
-1.3909

■ 54.3620, 64.8975,
-2.0715

■ 116.9360, 34.0486,
-0.8209

■ 38.4250, 72.7545,
-2.1267

■ 132.8730, 26.1916,
-0.7656

■ 29.2770, 77.2644,
-1.9969

■ 148.2230, 18.6241,
-0.1956

■ 164.1600, 10.7671,
-0.1403

■ 180.0970, 2.9102,
-0.0851

■ 195.4470, -4.6574,
0.4850

■ 211.3840,
-12.5143, 0.5402

■ 226.4350,
-19.9345, 0.4955

Harmonies

Analogous

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



77.9610, 62.6302, -68.3718



85.6490, 49.4730, -1.4462



70.2460, 34.3887, 76.9603

Triad

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



85.6490, 49.4730, -1.4462



79.7600, -39.3217, 58.9695



74.4710, 8.6418, -65.3111

Complementary

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



85.6490, 49.4730, -1.4462



167.3510, -49.4730, 1.4462

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.



65.8870, -19.1713, -57.7829



85.6490, 49.4730, -1.4462



81.2680, -40.0651, 17.3050

Square

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



85.6490, 49.4730, -1.4462



57.9360, -15.7444, 103.5421



69.4640, -34.2458, -29.3479



81.6700, 33.6867, -71.6246

Rectangle

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



85.6490, 49.4730, -1.4462



65.2630, 18.6043, 99.7473



69.4640, -34.2458, -29.3479



72.0770, -0.5310, -63.2115

Sweetspot

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



85.6490, 49.4730, -1.4462



203.3370, 19.0609, -0.2955



141.0270, 22.1717, -64.9217



98.3880, 11.6407, -0.3403



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



85.6490, 49.4730, -1.4462



84.9780, 77.4118, -2.6117



102.9910, 40.9234, 34.2109



84.3250, 3.7838, -0.2850



24.3620, 64.8975, -2.0715



4.3880, 11.6407, -0.3403

Inverse Universe

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



114.2090, 27.0120, 62.9607



129.8540, 42.4700, 98.3520



150.0090, -40.9234, -34.2109



86.4890, 1.7309, 4.8331



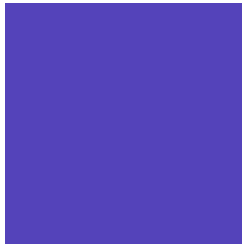
61.8060, 35.0986, 82.6081



11.1080, 6.3558, 14.8143

Previews

White Background



This preview shows how the YUV color 85.6490, 49.4730, -1.4462 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 85.6490, 49.4730, -1.4462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

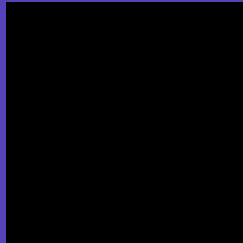
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.6490, 49.4730, -1.4462

Background



This preview shows how black text looks on a background with the YUV color 85.6490, 49.4730, -1.4462.



This preview shows how white text looks on a background with the YUV color 85.6490, 49.4730,

-1.4462.

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

85.6490, 49.4730, -1.4462

Protanopia

68.8990, 53.2938, -60.4244

Tritanopia

82.1370, 8.8065, -24.6761

Trichromacy



Original Color

85.6490, 49.4730, -1.4462

Protanomaly

74.9880, 51.7709, -38.5775

Tritanomaly

83.6770, 23.3302, -16.3797

Monochromacy



Original Color

85.6490, 49.4730, -1.4462

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.6960, 17.8979, -0.6104

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6490, 49.4730, -1.4462 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(84, 67, 186)` looks like.

```
.text, #text, p{  
    color:rgb(84, 67, 186)  
}
```

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(84, 67, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 67, 186) }
```

Border

The CSS property to change the border of an element to YUV 85.6490, 49.4730, -1.4462 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(84, 67, 186) }
```

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

```
.border{ border-color:rgb(84, 67, 186) }
```

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

Here you see how a box with a 4 pixel rgb(84, 67, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 67, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 67, 186);  
box-shadow:4px 4px 4px 4px rgb(84, 67,  
186) }
```


Background

The CSS property to change the background color of an element to YUV 85.6490, 49.4730, -1.4462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 67, 186) }
```

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

```
.background{ background-color: rgb(84, 67,  
186) }
```

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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