

Converting Colors

YUV(149.0500, -16.2936,
-47.4018)

Have a look what the booklet for
YUV(149.0500, -16.2936, -47.4018)
contains.

YUV(149.0500, -16.2936, -47.4018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(149.0500, -16.2936,
-47.4018)**

Conversions

Conversions Part 1

Format	Color
Hex	5FB774
RGB	95, 183, 116
RGB Percent	37%, 72%, 45%
CMY	0.6275, 0.2824, 0.5451
CMYK	0.48, 0.00, 0.37, 0.28
HSL	134°, 38%, 55%
HSV	134°, 48%, 72%
XYZ	24.8052, 37.5608, 22.4656
YIQ	149.0500, -30.9410, -39.4930

Conversions

Conversions Part 2

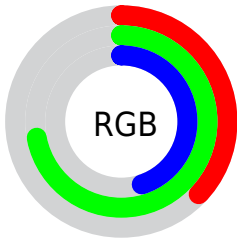
Format	Color
RYB	95, 166, 183
Decimal	6272884
CIELab	67.70, -41.23, 26.12
CIELCh	68, 48.810, 147.645
Yxy	37.5608, 0.2924, 0.4428
Android (android.graphics.Color)	4284462964 (0xFF5FB774)
YUV	149.0500, -16.2936, -47.4018
Hunter-Lab	61.2869, -35.0062, 21.1672

Details

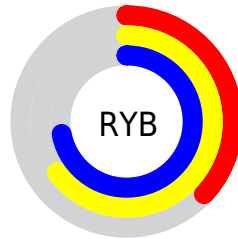
The YUV color **149.0500, -16.2936, -47.4018** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **128.9500, 16.2937, 47.4019**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9960, -17.7460, -48.2315**, and **94.4240, -13.5200, -50.3608** is the 20% darker color. If you saturate the color by 10%, you get **142.0720, -19.7555, -57.0681**, and if you desaturate by 10%, it is **156.0280, -12.8318, -37.7356**.

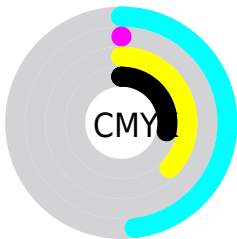
Distribution



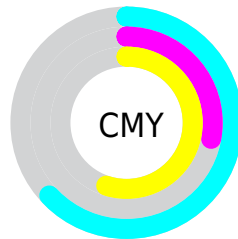
- Red (37%)
- Green (72%)
- Blue (45%)



- Red (37%)
- Yellow (65%)
- Blue (72%)



- Cyan (48%)
- Magenta (0%)
- Yellow (37%)
- Black (28%)



- Cyan (63%)
- Magenta (28%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.0500, -16.2936, -47.4018 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 149.0500, -16.2936, -47.4018 by changing the saturation by 10% instead.

■ 149.0500,
-16.2936, -47.4018

■ 149.0500,
-16.2936, -47.4018

■ 255.0000, 0.0000,
0.0000

■ 121.9790,
-15.2726, -48.2166

■ 204.9960,
-17.7460, -48.2315

■ 94.4240, -13.5200,
-50.3608

■ 225.2510,
-14.4207, -41.4391

■ 65.4770, -10.5882,
-57.4233

■ 237.1140, -6.4652,
-26.4100

■ 48.7670, -13.6891,
-42.7687

■ 249.0910, 1.9271,
-11.4808

■ 32.2850, -15.9165,
-28.3139

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,

0.0000

■ 149.0500,
-16.2936, -47.4018

■ 149.0500,
-16.2936, -47.4018

■ 142.0720,
-19.7555, -57.0681

■ 156.0280,
-12.8318, -37.7356

■ 134.7950,
-23.0699, -67.3492

■ 163.3050, -9.5174,
-27.4545

■ 127.8170,
-26.5318, -77.0155

■ 170.2830, -6.0555,
-17.7882

■ 120.8390,
-29.9936, -86.6818

■ 177.2610, -2.5937,
-8.1219

■ 113.8610,
-33.4555, -96.3481

■ 184.5380, 0.7208,
2.1592

■ 112.4370,
-33.7394, -98.6072

■ 191.5160, 4.1826,
11.8255

■ 198.4940, 7.6445,
21.4918

■ 205.3580, 10.6695,
31.2580

■ 211.1400, 14.7210,
38.4652

Harmonies

Analogous

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



156.5640, -35.7741, -5.7566



149.0500, -16.2936, -47.4018



128.0090, 15.7716, -112.2639

Triad

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



149.0500, -16.2936, -47.4018



151.9430, 49.8211, -66.6020



165.4020, -19.4252, 70.6844

Complementary

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



149.0500, -16.2936, -47.4018



128.9500, 16.2937, 47.4019

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.



167.4720, 1.2463, 67.1151



149.0500, -16.2936, -47.4018



167.1250, 37.4064, -4.4946

Square

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



149.0500, -16.2936, -47.4018



133.3790, 51.5782, -116.9734



169.8720, 21.2621, 40.4543



163.6610, -35.8219, 56.4253

Rectangle

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



149.0500, -16.2936, -47.4018



131.4290, 28.8755, -115.2632



169.8720, 21.2621, 40.4543



165.9490, -12.2999, 71.9587

Sweetspot

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



149.0500, -16.2936, -47.4018



224.2830, -6.0555, -17.7882



166.6890, -35.3427, -4.1123



111.8970, -3.8932, -11.3107



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



149.0500, -16.2936, -47.4018



184.0670, -25.6690, -73.7268



154.0660, 2.9255, -51.8009



88.5110, -1.7309, -4.8331



95.7900, -28.9835, -84.0078



17.2340, -5.0454, -15.1142

Inverse Universe

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



128.9500, 16.2937, 47.4019



152.8190, 25.2322, 73.8267



123.9340, -2.9255, 51.8009



86.4890, 1.7309, 4.8331



60.0960, 28.5467, 84.1078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 149.0500, -16.2936, -47.4018 looks on a white 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

Black Background



This preview shows how the YUV color 149.0500, -16.2936, -47.4018 looks on a black 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

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

YUV 149.0500, -16.2936, -47.4018 Background



This preview shows how black text looks on a background with the YUV color 149.0500, -16.2936, -47.4018.



This preview shows how white text looks on a background with the YUV color 149.0500, -16.2936, -47.4018.

-47.4018.

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

149.0500, -16.2936, -47.4018

Protanopia

161.8020, -26.5244, 14.2056

Deuteranopia

163.7740, -20.5946, 25.6312



Tritanopia

157.0580, 15.2544, -39.5159

Trichromacy



Original Color

149.0500, -16.2936, -47.4018

Protanomaly

157.2830, -22.8175, -8.1412

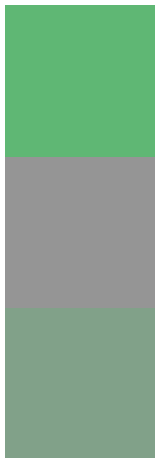
Deuteranomaly

158.0650, -18.7660, -0.9340

Tritanomaly

154.0610, 3.9139, -42.1495

Monochromacy



Original Color

149.0500, -16.2936, -47.4018

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.6960, -5.7661, -17.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0500, -16.2936, -47.4018 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(95, 183, 116)` looks like.

```
.text, #text, p{  
    color:rgb(95, 183, 116)  
}
```

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(95, 183, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 183, 116) }
```

Border

The CSS property to change the border of an element to YUV 149.0500, -16.2936, -47.4018 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(95, 183, 116) }
```


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

```
.border{ border-color:rgb(95, 183, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 183, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 183, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 183, 116);  
box-shadow:4px 4px 4px 4px rgb(95, 183,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 149.0500, -16.2936, -47.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 183, 116) }
```

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

```
.background{ background-color: rgb(95, 183,  
116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor