

Converting Colors

YUV(156.9000, -49.2507,
-70.0723)

Have a look what the booklet for
YUV(156.9000, -49.2507, -70.0723)
contains.

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Color

**YUV(156.9000, -49.2507,
-70.0723)**

Conversions

Conversions Part 1

Format	Color
Hex	4DD939
RGB	77, 217, 57
RGB Percent	30%, 85%, 22%
CMY	0.6980, 0.1490, 0.7765
CMYK	0.65, 0.00, 0.74, 0.15
HSL	112°, 68%, 54%
HSV	112°, 74%, 85%
XYZ	28.6119, 51.4989, 12.3032
YIQ	156.9000, -32.0800, -79.4400

Conversions

Conversions Part 2

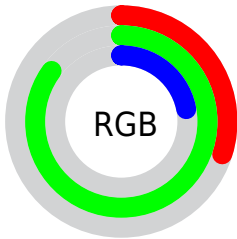
Format	Color
RYB	57, 217, 197
Decimal	5101881
CIELab	76.98, -65.68, 63.62
CIELCh	77, 91.439, 135.912
Yxy	51.4989, 0.3096, 0.5573
Android (android.graphics.Color)	4283291961 (0xFF4DD939)
YUV	156.9000, -49.2507, -70.0723
Hunter-Lab	71.7627, -54.4165, 40.0691

Details

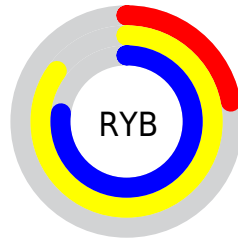
The YUV color **156.9000, -49.2507, -70.0723** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **117.1000, 49.2507, 70.0723**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1390, -44.9315, -55.3729**, and **94.5070, -46.5920, -82.8826** is the 20% darker color. If you saturate the color by 10%, you get **148.7110, -56.0595, -79.5535**, and if you desaturate by 10%, it is **165.0890, -42.4419, -60.5911**.

Distribution



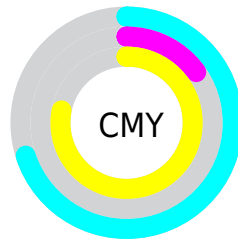
- Red (30%)
- Green (85%)
- Blue (22%)



- Red (22%)
- Yellow (85%)
- Blue (77%)



- Cyan (65%)
- Magenta (0%)
- Yellow (74%)
- Black (15%)



- Cyan (70%)
- Magenta (15%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.9000, -49.2507, -70.0723 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 156.9000, -49.2507, -70.0723 by changing the saturation by 10% instead.

■ 156.9000,
-49.2507, -70.0723

■ 156.9000,
-49.2507, -70.0723

■ 255.0000, 0.0000,
0.0000

■ 123.9160,
-50.2446, -77.9793

■ 205.1390,
-44.9315, -55.3729

■ 94.5070, -46.5920,
-82.8826

■ 217.3010,
-37.1234, -39.7290

■ 78.6580, -38.7784,
-68.9831

■ 229.7620,
-29.4627, -23.4703

■ 62.8090, -30.9648,
-55.0835

■ 242.3370,
-21.3651, -7.3115

■ 47.5470, -23.4407,
-41.6987

■ 251.9220,
-11.7935, 2.6994

■ 33.4590, -16.4953,
-29.3435

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 156.9000,
-49.2507, -70.0723

■ 156.9000,
-49.2507, -70.0723

■ 148.7110,
-56.0595, -79.5535

■ 165.0890,
-42.4419, -60.5911

■ 140.6360,
-62.4315, -89.1348

■ 173.1640,
-36.0699, -51.0098

■ 135.4520,
-66.7778, -95.1124

■ 181.3530,
-29.2610, -41.5286

■ 189.5420,
-22.4522, -32.0473

■ 197.6170,
-16.0802, -22.4661

■ 205.8060, -9.2714,
-12.9849

■ 213.9950, -2.4625,
-3.5036

■ 222.1840, 4.3463,
5.9776

■ 230.2590, 10.7183,
15.5589

Harmonies

Analogous

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



173.0140, -85.2959, 11.3887



156.9000, -49.2507, -70.0723



149.3060, -1.6299, -130.9414

Triad

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



156.9000, -49.2507, -70.0723



152.9270, 50.3220, -134.1170



150.1700, -0.5768, 91.9359

Complementary

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



156.9000, -49.2507, -70.0723



117.1000, 49.2507, 70.0723

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.



163.3820, 34.8147, 80.3490



156.9000, -49.2507, -70.0723



160.3890, 46.6432, -74.0092

Square

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



156.9000, -49.2507, -70.0723



160.5580, 46.5599, -140.8094



188.6360, 32.7175, 52.9392



162.1820, -45.9387, 81.4014

Rectangle

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



156.9000, -49.2507, -70.0723



157.2060, 23.5624, -137.8697



188.6360, 32.7175, 52.9392



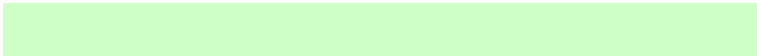
151.0140, 12.8111, 91.1957

Sweetspot

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



156.9000, -49.2507, -70.0723



233.9650, -17.2377, -24.5253



186.4330, -63.8105, 26.8073



115.1540, -10.4289, -15.0441



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



156.9000, -49.2507, -70.0723



170.8600, -68.9510, -98.1012



157.6460, -20.5315, -88.2665



105.7560, -3.3307, -5.0480



108.1290, -53.3076, -75.5351



28.7960, -14.1964, -19.9921

Inverse Universe

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



117.1000, 49.2507, 70.0723



115.1400, 68.9510, 98.1012



116.3540, 20.5315, 88.2665



102.9450, 3.4781, 4.4332



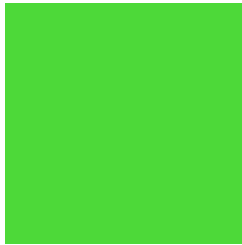
65.1700, 53.1602, 76.1499



17.2040, 14.1964, 19.9921

Previews

White Background



This preview shows how the YUV color 156.9000, -49.2507, -70.0723 looks on a white background.

Color Contrast Check

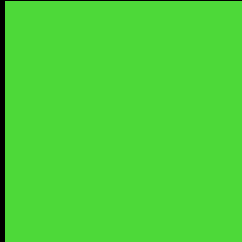
Large Text (above 18pt) WCAG AA × Fail

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 156.9000, -49.2507, -70.0723 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 156.9000, -49.2507, -70.0723 Background



This preview shows how black text looks on a background with the YUV color 156.9000, -49.2507, -70.0723.



This preview shows how white text looks on a background with the YUV color 156.9000, -49.2507, -70.0723.

-70.0723.

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

156.9000, -49.2507, -70.0723

Protanopia

180.0310, -64.1053, 28.0368

Deuteranopia

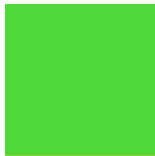
183.5460, -54.9922, 45.1252



Tritanopia

177.6260, 20.3974, -55.8000

Trichromacy



Original Color

156.9000, -49.2507, -70.0723



Protanomaly

171.5920, -58.4659, -7.5352



Deuteranomaly

174.1510, -52.8254, 3.3756



Tritanomaly

169.9480, -4.9044, -60.4674

Monochromacy



Original Color

156.9000, -49.2507, -70.0723



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

157.1390, -17.8165, -25.5549

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9000, -49.2507, -70.0723 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(77, 217, 57)` looks like.

```
.text, #text, p{  
    color:rgb(77, 217, 57)  
}
```

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(77, 217, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 217, 57) }
```

Border

The CSS property to change the border of an element to YUV 156.9000, -49.2507, -70.0723 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(77, 217, 57) }
```


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

```
.border{ border-color:rgb(77, 217, 57) }
```

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

Here you see how a box with a 4 pixel rgb(77, 217, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 217, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 217, 57);  
box-shadow:4px 4px 4px 4px rgb(77, 217,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 156.9000, -49.2507, -70.0723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 217, 57) }
```

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

```
.background{ background-color: rgb(77, 217,  
57) }
```

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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