

Converting Colors

YUV(149.4360, -42.1199,
-70.5424)

Have a look what the booklet for
YUV(149.4360, -42.1199, -70.5424)
contains.

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Color

**YUV(149.4360, -42.1199,
-70.5424)**

Conversions

Conversions Part 1

Format	Color
Hex	45CF40
RGB	69, 207, 64
RGB Percent	27%, 81%, 25%
CMY	0.7294, 0.1882, 0.7490
CMYK	0.67, 0.00, 0.69, 0.19
HSL	118°, 60%, 53%
HSV	118°, 69%, 81%
XYZ	25.6925, 46.2610, 12.4256
YIQ	149.4360, -36.3450, -73.7290

Conversions

Conversions Part 2

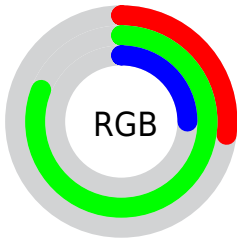
Format	Color
RYB	64, 207, 202
Decimal	4575040
CIELab	73.71, -63.41, 57.67
CIELCh	74, 85.713, 137.714
Yxy	46.2610, 0.3045, 0.5483
Android (android.graphics.Color)	4282765120 (0xFF45CF40)
YUV	149.4360, -42.1199, -70.5424
Hunter-Lab	68.0155, -51.5996, 36.7792

Details

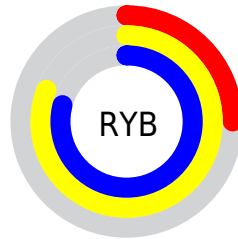
The YUV color **149.4360, -42.1199, -70.5424** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **121.5640, 42.1199, 70.5424**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3170, -41.5683, -60.7910**, and **88.6370, -43.6980, -77.7346** is the 20% darker color. If you saturate the color by 10%, you get **141.0620, -48.3446, -80.7384**, and if you desaturate by 10%, it is **157.8100, -35.8953, -60.3464**.

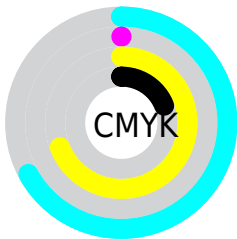
Distribution



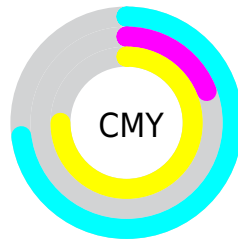
- Red (27%)
- Green (81%)
- Blue (25%)



- Red (25%)
- Yellow (81%)
- Blue (79%)



- Cyan (67%)
- Magenta (0%)
- Yellow (69%)
- Black (19%)



- Cyan (73%)
- Magenta (19%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4360, -42.1199, -70.5424 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 149.4360, -42.1199, -70.5424 by changing the saturation by 10% instead.

■ 149.4360,
-42.1199, -70.5424

■ 149.4360,
-42.1199, -70.5424

■ 255.0000, 0.0000,
0.0000

■ 115.8260,
-40.3402, -81.4084

■ 203.3170,
-41.5683, -60.7910

■ 88.6370, -43.6980,
-77.7346

■ 215.3650,
-34.1969, -45.0471

■ 72.7880, -35.8845,
-63.8351

■ 227.5270,
-26.3888, -29.4032

■ 57.5260, -28.3603,
-50.4503

■ 240.1020,
-18.2913, -13.2445

■ 42.8510, -21.1255,
-37.5803

■ 252.3780,
-10.0464, 2.2995

■ 29.3500, -14.4695,
-25.7399

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 149.4360,
-42.1199, -70.5424

■ 149.4360,
-42.1199, -70.5424

■ 141.0620,
-48.3446, -80.7384

■ 157.8100,
-35.8953, -60.3464

■ 132.8020,
-54.1324, -91.0344

■ 166.0700,
-30.1075, -50.0504

■ 124.4280,
-60.3570, -101.2304

■ 174.4440,
-23.8829, -39.8544

■ 123.6020,
-60.9358, -102.2600

■ 182.8180,
-17.6583, -29.6584

■ 191.1920,
-11.4337, -19.4624

■ 199.4520, -5.6458,
-9.1664

■ 207.8260, 0.5788,
1.0296

■ 216.2000, 6.8034,
11.2256

■ 224.4600, 12.5912,
21.5216

Harmonies

Analogous

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



164.4310, -81.0645, 7.5150



149.4360, -42.1199, -70.5424



142.7350, 1.1166, -125.1786

Triad

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



149.4360, -42.1199, -70.5424



146.4700, 53.5053, -128.4542



149.5030, -5.6710, 92.5209

Complementary

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



149.4360, -42.1199, -70.5424



121.5640, 42.1199, 70.5424

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.



160.2700, 27.9679, 83.0782



149.4360, -42.1199, -70.5424



161.1080, 46.2888, -53.5917

Square

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



149.4360, -42.1199, -70.5424



154.1010, 49.7432, -135.1466



181.8470, 36.0644, 52.7542



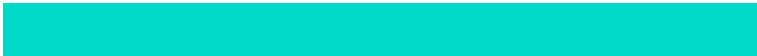
160.5520, -47.1071, 82.8309

Rectangle

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



149.4360, -42.1199, -70.5424



150.1790, 24.5618, -131.7070



181.8470, 36.0644, 52.7542



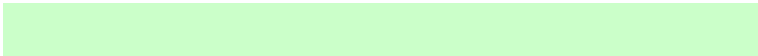
150.1190, 6.8433, 91.9806

Sweetspot

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



149.4360, -42.1199, -70.5424



233.2960, -15.9219, -26.5696



186.5890, -60.4364, 17.9004



115.0830, -9.4079, -15.8588



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.



149.4360, -42.1199, -70.5424



169.8360, -62.5301, -104.2192



155.2370, -13.4278, -80.0148



100.4570, -3.1833, -5.6628



100.4100, -49.5021, -82.7976



24.3660, -12.0124, -20.4920

Inverse Universe

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



121.5640, 42.1199, 70.5424



128.4630, 62.3827, 104.8339



115.7630, 13.4278, 80.0148



98.2440, 3.3307, 5.0480



67.5900, 49.5021, 82.7976



16.3350, 12.1598, 19.8772

Previews

White Background



This preview shows how the YUV color 149.4360, -42.1199, -70.5424 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 149.4360, -42.1199, -70.5424 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 149.4360, -42.1199, -70.5424 Background



This preview shows how black text looks on a background with the YUV color 149.4360, -42.1199, -70.5424.



This preview shows how white text looks on a background with the YUV color 149.4360, -42.1199, -70.5424.

-70.5424.

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

149.4360, -42.1199, -70.5424

Protanopia

172.2570, -56.8217, 25.2076

Deuteranopia

175.7180, -49.1610, 41.4663



Tritanopia

168.8110, 19.8132, -55.0852

Trichromacy



Original Color

149.4360, -42.1199, -70.5424



Protanomaly

164.1170, -51.3297, -9.7496



Deuteranomaly

166.1490, -46.4155, 0.7463



Tritanomaly

161.8170, -2.8678, -60.3525

Monochromacy



Original Color

149.4360, -42.1199, -70.5424



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.1220, -15.3431, -25.5400

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4360, -42.1199, -70.5424 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(69, 207, 64)` looks like.

```
.text, #text, p{  
    color:rgb(69, 207, 64)  
}
```

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(69, 207, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 207, 64) }
```

Border

The CSS property to change the border of an element to YUV 149.4360, -42.1199, -70.5424 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(69, 207, 64) }
```


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

```
.border{ border-color:rgb(69, 207, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 207, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 207, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 207, 64);  
box-shadow:4px 4px 4px 4px rgb(69, 207,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 149.4360, -42.1199, -70.5424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 207, 64) }
```

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

```
.background{ background-color: rgb(69, 207,  
64) }
```

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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