

Converting Colors

YUV(149.1000, -45.8983,
-72.0017)

Have a look what the booklet for
YUV(149.1000, -45.8983, -72.0017)
contains.

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Color

**YUV(149.1000, -45.8983,
-72.0017)**

Conversions

Conversions Part 1

Format	Color
Hex	43D138
RGB	67, 209, 56
RGB Percent	26%, 82%, 22%
CMY	0.7373, 0.1804, 0.7804
CMYK	0.68, 0.00, 0.73, 0.18
HSL	116°, 62%, 52%
HSV	116°, 73%, 82%
XYZ	25.8290, 47.0797, 11.4674
YIQ	149.1000, -35.5190, -77.6870

Conversions

Conversions Part 2

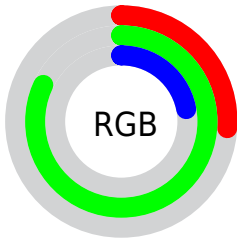
Format	Color
RYB	56, 209, 198
Decimal	4444472
CIELab	74.24, -65.11, 61.14
CIELCh	74, 89.313, 136.800
Yxy	47.0797, 0.3061, 0.5580
Android (android.graphics.Color)	4282634552 (0xFF43D138)
YUV	149.1000, -45.8983, -72.0017
Hunter-Lab	68.6147, -52.8819, 38.1213

Details

The YUV color **149.1000, -45.8983, -72.0017** 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 **115.9000, 45.8983, 72.0017**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.2200, -44.4785, -60.7059**, and **89.8110, -44.2768, -78.7642** is the 20% darker color. If you saturate the color by 10%, you get **141.0250, -52.2703, -81.5829**, and if you desaturate by 10%, it is **157.1750, -39.5263, -62.4205**.

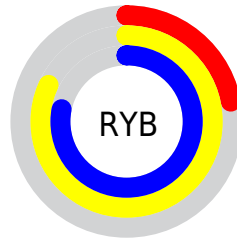
Distribution



Red (26%)

Green (82%)

Blue (22%)



Red (22%)

Yellow (82%)

Blue (78%)

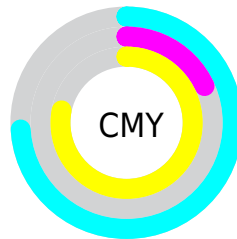


Cyan (68%)

Magenta (0%)

Yellow (73%)

Black (18%)



Cyan (74%)

Magenta (18%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.1000, -45.8983, -72.0017 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 149.1000, -45.8983, -72.0017 by changing the saturation by 10% instead.

■ 149.1000,
-45.8983, -72.0017

■ 149.1000,
-45.8983, -72.0017

■ 255.0000, 0.0000,
0.0000

■ 113.5390,
-45.1287, -85.5417

■ 202.2200,
-44.4785, -60.7059

■ 89.8110, -44.2768,
-78.7642

■ 214.6810,
-36.8177, -44.4472

■ 73.9620, -36.4633,
-64.8647

■ 226.8430,
-29.0096, -28.8033

■ 58.7000, -28.9391,
-51.4799

■ 239.3040,
-21.3489, -12.5446

■ 43.4380, -21.4149,
-38.0951

■ 251.5800,
-13.1039, 2.9993

■ 29.9370, -14.7589,
-26.2547

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 149.1000,
-45.8983, -72.0017

■ 149.1000,
-45.8983, -72.0017

■ 141.0250,
-52.2703, -81.5829

■ 157.1750,
-39.5263, -62.4205

■ 132.6510,
-58.4949, -91.7789

■ 165.5490,
-33.3017, -52.2245

■ 127.1680,
-62.6938, -98.3713

■ 173.6240,
-26.9296, -42.6432

■ 181.9980,
-20.7050, -32.4472

■ 190.0730,
-14.3330, -22.8660

■ 198.0340, -8.3978,
-13.1848

■ 206.4080, -2.1731,
-2.9888

■ 214.4830, 4.1989,
6.5924

■ 222.8570, 10.4235,
16.7884

Harmonies

Analogous

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



165.9150, -81.7961, 8.8445



149.1000, -45.8983, -72.0017



143.5670, -0.7725, -125.9083

Triad

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



149.1000, -45.8983, -72.0017



148.2310, 52.6371, -129.9986



146.7960, -3.3504, 94.8949

Complementary

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



149.1000, -45.8983, -72.0017



115.9000, 45.8983, 72.0017

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.



158.4920, 31.3094, 84.6375



149.1000, -45.8983, -72.0017



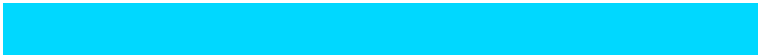
156.9000, 48.3633, -65.6873

Square

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



149.1000, -45.8983, -72.0017



155.8620, 48.8750, -136.6910



182.1460, 35.9170, 53.3690



158.5630, -47.1126, 84.5752

Rectangle

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



149.1000, -45.8983, -72.0017



151.3530, 23.9830, -132.7366



182.1460, 35.9170, 53.3690



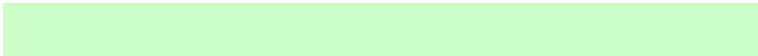
146.9390, 9.8901, 94.7695

Sweetspot

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



149.1000, -45.8983, -72.0017



233.0680, -16.7955, -26.3696



183.9270, -63.0680, 21.9890



114.8550, -10.2815, -15.6588



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.



149.1000, -45.8983, -72.0017



167.2720, -67.1821, -105.4785



153.1070, -16.3218, -85.1628



100.7560, -3.3307, -5.0480



102.2040, -50.3866, -79.1089



24.9640, -12.3073, -19.2624

Inverse Universe

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



115.9000, 45.8983, 72.0017



118.7280, 67.1821, 105.4785



111.8930, 16.3218, 85.1628



98.2440, 3.3307, 5.0480



65.7960, 50.3866, 79.1089



16.0360, 12.3073, 19.2624

Previews

White Background



This preview shows how the YUV color 149.1000, -45.8983, -72.0017 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 149.1000, -45.8983, -72.0017 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 149.1000, -45.8983, -72.0017 Background



This preview shows how black text looks on a background with the YUV color 149.1000, -45.8983, -72.0017.



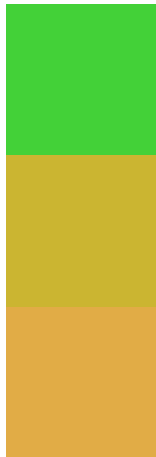
This preview shows how white text looks on a background with the YUV color 149.1000, -45.8983, -72.0017.

-72.0017.

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

149.1000, -45.8983, -72.0017

Protanopia

172.5300, -60.9003, 26.7222

Deuteranopia

176.2190, -52.3660, 42.7809



Tritanopia

170.2130, 20.1080, -56.3148

Trichromacy



Original Color

149.1000, -45.8983, -72.0017



Protanomaly

164.0910, -55.2609, -8.8498



Deuteranomaly

166.2370, -49.9098, 1.5462



Tritanomaly

162.5780, -3.7360, -61.8969

Monochromacy



Original Color

149.1000, -45.8983, -72.0017



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.0680, -16.7955, -26.3696

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1000, -45.8983, -72.0017 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(67, 209, 56)` looks like.

```
.text, #text, p{  
    color:rgb(67, 209, 56)  
}
```

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(67, 209, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 209, 56) }
```

Border

The CSS property to change the border of an element to YUV 149.1000, -45.8983, -72.0017 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(67, 209, 56) }
```


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

```
.border{ border-color:rgb(67, 209, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 209, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 209, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 209, 56);  
box-shadow:4px 4px 4px 4px rgb(67, 209,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 149.1000, -45.8983, -72.0017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 209, 56) }
```

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

```
.background{ background-color: rgb(67, 209,  
56) }
```

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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