

Converting Colors

YUV(149.5420, -56.4692,
-88.1753)

Have a look what the booklet for
YUV(149.5420, -56.4692, -88.1753)
contains.

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Color

**YUV(149.5420, -56.4692,
-88.1753)**

Conversions

Conversions Part 1

Format	Color
Hex	31DF23
RGB	49, 223, 35
RGB Percent	19%, 87%, 14%
CMY	0.8078, 0.1255, 0.8627
CMYK	0.78, 0.00, 0.84, 0.13
HSL	116°, 75%, 51%
HSV	116°, 84%, 87%
XYZ	27.9577, 53.5497, 10.4527
YIQ	149.5420, -43.3560, -95.3560

Conversions

Conversions Part 2

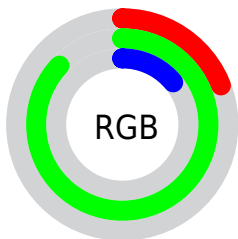
Format	Color
R _Y B	35, 223, 209
Decimal	3268387
CIE Lab	78.20, -73.50, 70.83
CIE LCh	78, 102.079, 136.059
Yxy	53.5497, 0.3040, 0.5823
Android (android.graphics.Color)	4281458467 (0xFF31DF23)
YUV	149.5420, -56.4692, -88.1753
Hunter-Lab	73.1776, -59.8646, 42.7554

Details

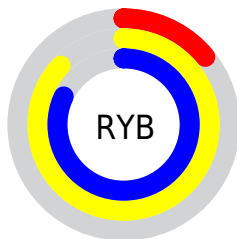
The YUV color **149.5420, -56.4692, -88.1753** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **108.4580, 56.4692, 88.1753**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.3460, -48.9776, -64.3244**, and **97.4420, -48.0389, -85.4566** is the 20% darker color. If you saturate the color by 10%, you get **140.7550, -62.9832, -98.8861**, and if you desaturate by 10%, it is **158.3290, -49.9552, -77.4645**.

Distribution



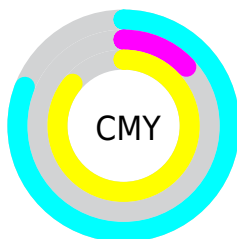
- Red (19%)
- Green (87%)
- Blue (14%)



- Red (14%)
- Yellow (87%)
- Blue (82%)



- Cyan (78%)
- Magenta (0%)
- Yellow (84%)
- Black (13%)



- Cyan (81%)
- Magenta (13%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.5420, -56.4692, -88.1753 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 149.5420, -56.4692, -88.1753 by changing the saturation by 10% instead.

■ 149.5420,
-56.4692, -88.1753

■ 149.5420,
-56.4692, -88.1753

■ 255.0000, 0.0000,
0.0000

■ 113.8780,
-56.1419, -99.8710

■ 198.3460,
-48.9776, -64.3244

■ 97.4420, -48.0389,
-85.4566

■ 211.5190,
-41.1749, -46.9362

■ 81.5930, -40.2253,
-71.5571

■ 223.9800,
-33.5141, -30.6775

■ 65.7440, -32.4118,
-57.6575

■ 236.8540,
-25.5640, -13.9040

■ 50.4820, -24.8876,
-44.2727

■ 249.4290,
-17.4665, 2.2548

■ 35.8070, -17.6529,
-31.4027

■ 253.7460, -4.8048,

■ 20.5450, -10.1287,

1.0998

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 149.5420,
-56.4692, -88.1753

■ 149.5420,
-56.4692, -88.1753

■ 140.7550,
-62.9832, -98.8861

■ 158.3290,
-49.9552, -77.4645

■ 135.9840,
-67.0401, -104.3490

■ 166.9310,
-42.8570, -67.4685

■ 175.7180,
-36.3430, -56.7577

■ 184.5050,
-29.8290, -46.0469

■ 193.1070,
-22.7308, -36.0508

■ 201.8940,
-16.2167, -25.3400

■ 210.3820, -9.5553,
-15.2440

■ 219.1690, -3.0413,
-4.5332

■ 228.0700, 3.9095,
6.0776

Harmonies

Analogous

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



175.6500, -86.5954, 8.2000



149.5420, -56.4692, -88.1753



152.6000, -4.2398, -133.8302

Triad

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



149.5420, -56.4692, -88.1753



156.4490, 48.5856, -137.2058



138.2020, 4.3374, 102.4318

Complementary

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



149.5420, -56.4692, -88.1753



108.4580, 56.4692, 88.1753

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.



154.3150, 43.2287, 88.3007



149.5420, -56.4692, -88.1753



139.4260, 56.9780, -122.2766

Square

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



149.5420, -56.4692, -88.1753



164.6670, 44.5342, -144.4130



187.4950, 33.2800, 59.2019



156.4770, -50.0282, 86.4047

Rectangle

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



149.5420, -56.4692, -88.1753



161.4120, 24.4469, -141.5583



187.4950, 33.2800, 59.2019



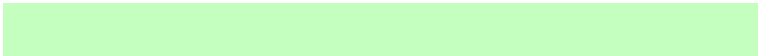
137.6270, 19.9039, 102.9361

Sweetspot

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



149.5420, -56.4692, -88.1753



230.0630, -19.2581, -29.8733



192.1760, -77.4878, 27.0326



112.7900, -11.7285, -18.2328



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.



149.5420, -56.4692, -88.1753



155.3660, -76.5954, -119.5930



154.2480, -20.3353, -104.5805



107.7560, -3.3307, -5.0480



107.1990, -52.8491, -82.6125



29.3720, -14.4804, -22.2512

Inverse Universe

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



108.4580, 56.4692, 88.1753



99.6340, 76.5954, 119.5930



103.7520, 20.3353, 104.5805



105.2440, 3.3307, 5.0480



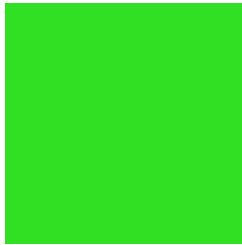
68.8010, 52.8491, 82.6125



18.9270, 14.3330, 22.8660

Previews

White Background



This preview shows how the YUV color 149.5420, -56.4692, -88.1753 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 149.5420, -56.4692, -88.1753 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 149.5420, -56.4692, -88.1753 Background



This preview shows how black text looks on a background with the YUV color 149.5420, -56.4692, -88.1753.



This preview shows how white text looks on a background with the YUV color 149.5420, -56.4692, -88.1753.

-88.1753.

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

149.5420, -56.4692, -88.1753

Protanopia

180.2520, -76.0462, 31.3510

Deuteranopia

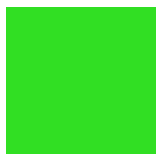
185.2060, -62.7126, 48.0543



Tritanopia

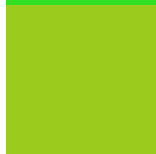
178.4290, 22.4665, -66.1512

Trichromacy



Original Color

149.5420, -56.4692, -88.1753



Protanomaly

168.8120, -68.9273, -12.1131



Deuteranomaly

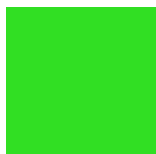
172.4680, -60.3767, -1.2874



Tritanomaly

167.5180, -6.1714, -74.1223

Monochromacy



Original Color

149.5420, -56.4692, -88.1753



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.9980, -20.7050, -32.4472

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.5420, -56.4692, -88.1753 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(49, 223, 35)` looks like.

```
.text, #text, p{  
    color:rgb(49, 223, 35)  
}
```

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(49, 223, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 223, 35) }
```

Border

The CSS property to change the border of an element to YUV 149.5420, -56.4692, -88.1753 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(49, 223, 35) }
```


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

```
.border{ border-color:rgb(49, 223, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 223, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 223, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 223, 35);  
box-shadow:4px 4px 4px 4px rgb(49, 223,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 149.5420, -56.4692, -88.1753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 223, 35) }
```

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

```
.background{ background-color: rgb(49, 223,  
35) }
```

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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