

Converting Colors

YUV(142.0280, -49.8068,
-31.5966)

Have a look what the booklet for
YUV(142.0280, -49.8068, -31.5966)
contains.

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Color

**YUV(142.0280, -49.8068,
-31.5966)**

Conversions

Conversions Part 1

Format	Color
Hex	6AB429
RGB	106, 180, 41
RGB Percent	42%, 71%, 16%
CMY	0.5843, 0.2941, 0.8392
CMYK	0.41, 0.00, 0.77, 0.29
HSL	92°, 63%, 43%
HSV	92°, 77%, 71%
XYZ	22.6654, 35.8668, 7.8262
YIQ	142.0280, 0.5150, -58.9170

Conversions

Conversions Part 2

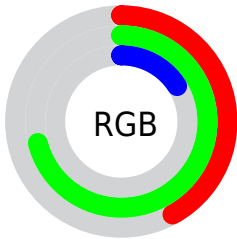
Format	Color
RYB	41, 180, 115
Decimal	6992937
CIELab	66.42, -45.19, 58.94
CIELCh	66, 74.274, 127.476
Yxy	35.8668, 0.3416, 0.5405
Android (android.graphics.Color)	4285183017 (0xFF6AB429)
YUV	142.0280, -49.8068, -31.5966
Hunter-Lab	59.8889, -37.2510, 34.1743

Details

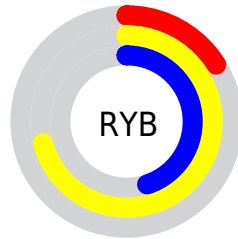
The YUV color **142.0280, -49.8068, -31.5966** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **78.9720, 49.8068, 31.5966**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.3270, -49.9542, -30.9818**, and **88.3140, -43.5388, -35.3554** is the 20% darker color. If you saturate the color by 10%, you get **136.9860, -56.1951, -35.9447**, and if you desaturate by 10%, it is **147.0700, -43.4185, -27.2484**.

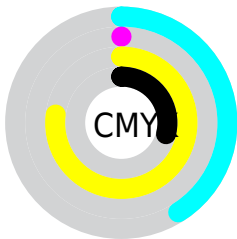
Distribution



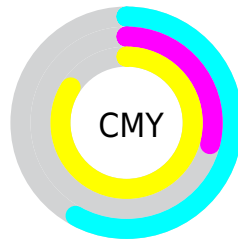
- Red (42%)
- Green (71%)
- Blue (16%)



- Red (16%)
- Yellow (71%)
- Blue (45%)



- Cyan (41%)
- Magenta (0%)
- Yellow (77%)
- Black (29%)



- Cyan (58%)
- Magenta (29%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.0280, -49.8068, -31.5966 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 142.0280, -49.8068, -31.5966 by changing the saturation by 10% instead.

■ 142.0280,
-49.8068, -31.5966

■ 142.0280,
-49.8068, -31.5966

■ 255.0000, 0.0000,
0.0000

■ 113.1330,
-55.7746, -30.8116

■ 198.3270,
-49.9542, -30.9818

■ 88.3140, -43.5388,
-35.3554

■ 221.2290,
-47.9339, -25.6338

■ 61.6790, -30.4077,
-47.0765

■ 233.0920,
-39.9784, -10.6047

■ 44.6120, -21.9937,
-39.1247

■ 245.2540,
-32.1702, 5.0392

■ 30.5240, -15.0483,
-26.7695

■ 249.7560,
-20.0927, 4.5990

■ 17.6100, -8.6817,
-15.4440

■ 253.0620, -7.4256,

■ 0.0000, 0.0000,

1.6996

0.0000

■ 142.0280,
-49.8068, -31.5966

■ 142.0280,
-49.8068, -31.5966

■ 136.9860,
-56.1951, -35.9447

■ 147.0700,
-43.4185, -27.2484

■ 132.2430,
-62.7308, -39.6781

■ 151.8130,
-36.8828, -23.5150

■ 130.7760,
-64.4726, -41.0226

■ 156.8550,
-30.4945, -19.1668

■ 161.5980,
-23.9588, -15.4334

■ 166.6400,
-17.5705, -11.0853

■ 171.3830,
-11.0348, -7.3519

■ 176.4250, -4.6465,
-3.0037

■ 181.4670, 1.7418,
1.3444

■ 186.2100, 8.2775,
5.0778

Harmonies

Analogous

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



149.4900, -73.6986, 25.0033



142.0280, -49.8068, -31.5966



123.1410, -7.9575, -107.9947

Triad

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



142.0280, -49.8068, -31.5966



135.9040, 58.7143, -119.1878



146.5340, 0.7227, 95.1247

Complementary

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



142.0280, -49.8068, -31.5966



78.9720, 49.8068, 31.5966

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.



161.3900, 25.9367, 81.2190



142.0280, -49.8068, -31.5966



125.3380, 63.9234, -109.9214

Square

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



142.0280, -49.8068, -31.5966



139.5910, 49.9946, -122.4213



163.9180, 44.9034, 17.6119



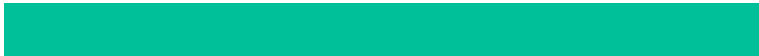
150.3910, -32.7308, 91.7421

Rectangle

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



142.0280, -49.8068, -31.5966



130.2600, 11.7038, -114.2380



163.9180, 44.9034, 17.6119



149.6290, 10.0429, 92.4104

Sweetspot

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



142.0280, -49.8068, -31.5966



220.1730, -19.3123, -12.4297



124.8250, -41.3257, 48.3885



108.1550, -11.9084, -7.1519



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



142.0280, -49.8068, -31.5966



175.0510, -78.4121, -50.0337



122.8210, -39.3518, -71.7570



86.4790, -3.1941, -2.1741



111.3390, -54.8901, -34.5003



18.8500, -9.2930, -6.0074

Inverse Universe

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



78.9720, 49.8068, 31.5966



75.9490, 78.4121, 50.0337



98.1790, 39.3518, 71.7570



82.5210, 3.1941, 2.1741



41.6610, 54.8901, 34.5003



7.1500, 9.2931, 6.0074

Previews

White Background



This preview shows how the YUV color 142.0280, -49.8068, -31.5966 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 142.0280, -49.8068, -31.5966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

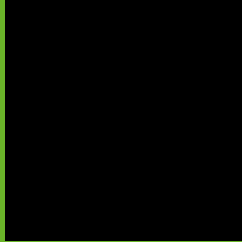
Any Text WCAG AA ✓ Pass

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 142.0280, -49.8068, -31.5966 Background



This preview shows how black text looks on a background with the YUV color 142.0280, -49.8068, -31.5966.



This preview shows how white text looks on a background with the YUV color 142.0280, -49.8068, -31.5966.

-31.5966.

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

142.0280, -49.8068, -31.5966

Protanopia

152.7300, -57.5479, 24.7928

Deuteranopia

155.9520, -50.7553, 39.5071



Tritanopia

156.9240, 11.8695, -27.1203

Trichromacy



Original Color

142.0280, -49.8068, -31.5966

Protanomaly

148.9940, -54.7200, 4.3903

Deuteranomaly

150.9010, -50.2372, 13.2418

Tritanomaly

151.3650, -10.5329, -28.3841

Monochromacy



Original Color

142.0280, -49.8068, -31.5966

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.1130, -18.2967, -11.5001

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.0280, -49.8068, -31.5966 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(106, 180, 41)` looks like.

```
.text, #text, p{  
    color:rgb(106, 180, 41)  
}
```

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(106, 180, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 180, 41) }
```

Border

The CSS property to change the border of an element to YUV 142.0280, -49.8068, -31.5966 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(106, 180, 41) }
```


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

```
.border{ border-color:rgb(106, 180, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 180, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 180, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 180, 41);  
box-shadow:4px 4px 4px 4px rgb(106, 180,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 142.0280, -49.8068, -31.5966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 180, 41) }
```

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

```
.background{ background-color: rgb(106,  
180, 41) }
```

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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