

Converting Colors

YUV(158.8540, -49.2280,
-30.5670)

Have a look what the booklet for
YUV(158.8540, -49.2280, -30.5670)
contains.

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Color

**YUV(158.8540, -49.2280,
-30.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	7CC43B
RGB	124, 196, 59
RGB Percent	49%, 77%, 23%
CMY	0.5137, 0.2314, 0.7686
CMYK	0.37, 0.00, 0.70, 0.23
HSL	92°, 54%, 50%
HSV	92°, 70%, 77%
XYZ	28.8415, 44.0807, 11.1260
YIQ	158.8540, 1.0650, -57.8710

Conversions

Conversions Part 2

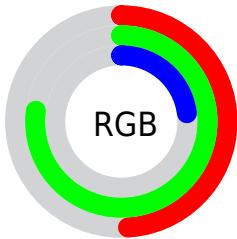
Format	Color
RYB	59, 196, 131
Decimal	8176699
CIELab	72.28, -44.53, 58.71
CIElCh	72, 73.689, 127.183
Yxy	44.0807, 0.3432, 0.5245
Android (android.graphics.Color)	4286366779 (0xFF7CC43B)
YUV	158.8540, -49.2280, -30.5670
Hunter-Lab	66.3933, -38.6471, 36.5397

Details

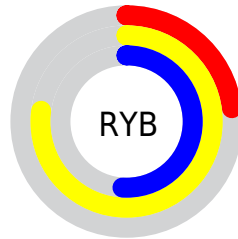
The YUV color $158.8540, -49.2280, -30.5670$ is a dark color, and the websafe version is hex $99CC33$. The color can be described as dark muted chartreuse. A complement of this color would be $96.1460, 49.2280, 30.5670$, and the grayscale version is $159.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $215.6260, -50.1016, -30.3670$, and $103.3870, -50.9698, -31.9114$ is the 20% darker color. If you saturate the color by 10%, you get $153.5840, -56.4899, -34.7152$, and if you desaturate by 10%, it is $164.1240, -41.9661, -26.4187$.

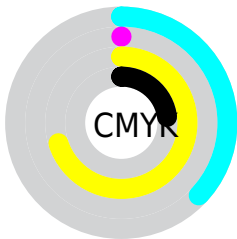
Distribution



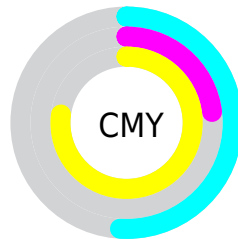
- Red (49%)
- Green (77%)
- Blue (23%)



- Red (23%)
- Yellow (77%)
- Blue (51%)



- Cyan (37%)
- Magenta (0%)
- Yellow (70%)
- Black (23%)



- Cyan (51%)
- Magenta (23%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.8540, -49.2280, -30.5670 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 158.8540, -49.2280, -30.5670 by changing the saturation by 10% instead.

■ 158.8540,
-49.2280, -30.5670

■ 158.8540,
-49.2280, -30.5670

■ 255.0000, 0.0000,
0.0000

■ 130.5120,
-50.5384, -30.2670

■ 215.6260,
-50.1016, -30.3670

■ 103.3870,
-50.9698, -31.9114

■ 228.5490,
-43.1617, -16.2675

■ 78.8560, -38.8760,
-37.5847

■ 240.7110,
-35.3535, -0.6235

■ 52.8300, -26.0452,
-46.3319

■ 248.3880,
-25.3343, 5.7987

■ 38.7420, -19.0998,
-33.9767

■ 251.6940,
-12.6671, 2.8994

■ 25.8280, -12.7332,
-22.6512

■ 8.8050, -4.3409,

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 158.8540,
-49.2280, -30.5670

■ 158.8540,
-49.2280, -30.5670

■ 153.5840,
-56.4899, -34.7152

■ 164.1240,
-41.9661, -26.4187

■ 148.1290,
-63.1676, -39.5781

■ 169.5790,
-35.2884, -21.5558

■ 142.8590,
-70.4295, -43.7263

■ 174.8490,
-28.0266, -17.4076

■ 180.0050,
-21.2015, -13.1594

■ 185.5740,
-14.0870, -8.3964

■ 190.8440, -6.8251,
-4.2482

■ 196.0000, 0.0000,
0.0000

■ 201.2700, 7.2619,
4.1482

■ 206.7250, 13.9396,
9.0112

Harmonies

Analogous

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



164.8170, -76.3248, 27.3475



158.8540, -49.2280, -30.5670



134.2430, -6.0358, -117.7311

Triad

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



158.8540, -49.2280, -30.5670



145.2960, 54.0841, -127.4246



159.5110, 2.2131, 83.7439

Complementary

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



158.8540, -49.2280, -30.5670



96.1460, 49.2280, 30.5670

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.



174.1930, 28.0059, 70.8677



158.8540, -49.2280, -30.5670



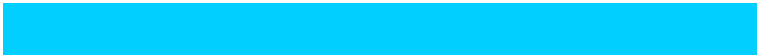
139.2150, 57.0820, -108.9366

Square

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



158.8540, -49.2280, -30.5670



150.5790, 51.4796, -132.0578



178.0940, 37.9147, 19.2116



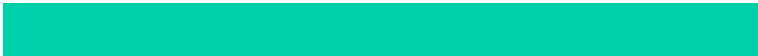
161.4930, -30.8090, 82.0056

Rectangle

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



158.8540, -49.2280, -30.5670



141.3620, 13.6255, -123.9745



178.0940, 37.9147, 19.2116



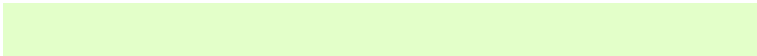
162.7200, 11.9700, 80.9296

Sweetspot

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



158.8540, -49.2280, -30.5670



240.4720, -19.4597, -11.8149



141.6400, -40.7415, 47.6737



119.2690, -11.4716, -7.2519



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.



158.8540, -49.2280, -30.5670



196.8170, -76.8178, -48.0745



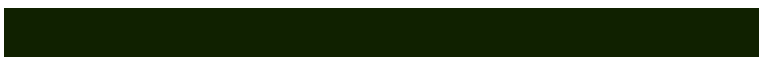
139.6470, -38.7730, -70.7274



94.3650, -3.6309, -2.0741



117.2310, -57.7949, -36.1596



24.1550, -11.9084, -7.1519

Inverse Universe

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



96.1460, 49.2280, 30.5670



98.8840, 76.9652, 47.4597



115.3530, 38.7730, 70.7274



89.6350, 3.6309, 2.0741



43.4700, 57.9423, 35.5448



8.8450, 11.9084, 7.1519

Previews

White Background



This preview shows how the YUV color 158.8540, -49.2280, -30.5670 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 158.8540, -49.2280, -30.5670 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 158.8540, -49.2280, -30.5670 Background



This preview shows how black text looks on a background with the YUV color 158.8540, -49.2280, -30.5670.



This preview shows how white text looks on a background with the YUV color 158.8540, -49.2280, -30.5670.

-30.5670.

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

158.8540, -49.2280, -30.5670

Protanopia

169.2570, -56.8217, 25.2076

Deuteranopia

171.9630, -50.7608, 41.2514



Tritanopia

173.0490, 12.3008, -25.4760

Trichromacy



Original Color

158.8540, -49.2280, -30.5670

Protanomaly

165.5210, -53.9939, 4.8051

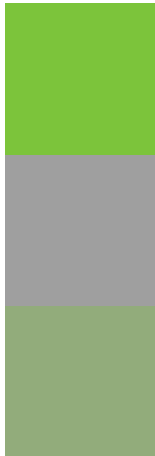
Deuteranomaly

166.9120, -50.2426, 14.9862

Tritanomaly

168.0770, -10.3910, -27.2545

Monochromacy



Original Color

158.8540, -49.2280, -30.5670

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.6400, -17.5705, -11.0853

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8540, -49.2280, -30.5670 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(124, 196, 59)` looks like.

```
.text, #text, p{  
    color:rgb(124, 196, 59)  
}
```

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(124, 196, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 196, 59) }
```

Border

The CSS property to change the border of an element to YUV 158.8540, -49.2280, -30.5670 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(124, 196, 59) }
```


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

```
.border{ border-color:rgb(124, 196, 59) }
```

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

Here you see how a box with a 4 pixel rgb(124, 196, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 196, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 196, 59);  
box-shadow:4px 4px 4px 4px rgb(124, 196,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 158.8540, -49.2280, -30.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 196, 59) }
```

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

```
.background{ background-color: rgb(124,  
196, 59) }
```

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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