

Converting Colors

YUV(137.3420, -49.4686,
-46.7809)

Have a look what the booklet for
YUV(137.3420, -49.4686, -46.7809)
contains.

YUV(137.3420, -49.4686, -46.7809)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(137.3420, -49.4686,
-46.7809)**

Conversions

Conversions Part 1

Format	Color
Hex	54B825
RGB	84, 184, 37
RGB Percent	33%, 72%, 15%
CMY	0.6706, 0.2784, 0.8549
CMYK	0.54, 0.00, 0.80, 0.28
HSL	101°, 67%, 43%
HSV	101°, 80%, 72%
XYZ	21.1306, 36.2994, 7.6430
YIQ	137.3420, -12.4130, -66.9170

Conversions

Conversions Part 2

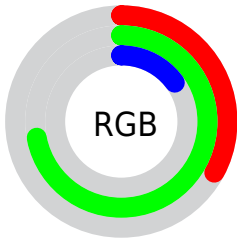
Format	Color
RYB	37, 184, 137
Decimal	5552165
CIELab	66.75, -53.78, 60.17
CIELCh	67, 80.696, 131.790
Yxy	36.2994, 0.3247, 0.5578
Android (android.graphics.Color)	4283742245 (0xFF54B825)
YUV	137.3420, -49.4686, -46.7809
Hunter-Lab	60.2490, -42.8320, 34.6529

Details

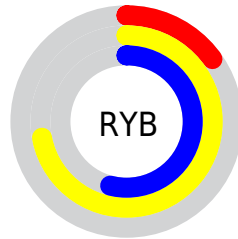
The YUV color **137.3420, -49.4686, -46.7809** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **83.6580, 49.4686, 46.7809**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.0540, -49.3266, -45.6514**, and **76.3100, -37.6208, -66.9239** is the 20% darker color. If you saturate the color by 10%, you get **131.4030, -55.4147, -52.9734**, and if you desaturate by 10%, it is **143.2810, -43.5225, -40.5884**.

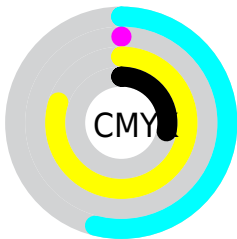
Distribution



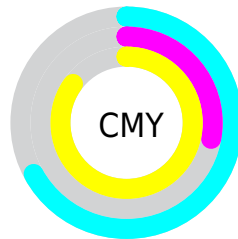
- Red (33%)
- Green (72%)
- Blue (15%)



- Red (15%)
- Yellow (72%)
- Blue (54%)



- Cyan (54%)
- Magenta (0%)
- Yellow (80%)
- Black (28%)



- Cyan (67%)
- Magenta (28%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3420, -49.4686, -46.7809 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 137.3420, -49.4686, -46.7809 by changing the saturation by 10% instead.

■ 137.3420,
-49.4686, -46.7809

■ 137.3420,
-49.4686, -46.7809

■ 255.0000, 0.0000,
0.0000

■ 107.7070,
-53.0996, -48.8550

■ 195.0540,
-49.3266, -45.6514

■ 76.3100, -37.6208,
-66.9239

■ 215.0210,
-45.8594, -37.7294

■ 61.0480, -30.0967,
-53.5391

■ 227.1830,
-38.0512, -22.0855

■ 46.3730, -22.8619,
-40.6691

■ 239.3450,
-30.2431, -6.4416

■ 32.2850, -15.9165,
-28.3139

■ 249.4140,
-21.4031, 4.8989

■ 18.1970, -8.9711,
-15.9588

■ 252.7200, -8.7360,

■ 0.0000, 0.0000,

1.9996

0.0000

■ 137.3420,
-49.4686, -46.7809

■ 137.3420,
-49.4686, -46.7809

■ 131.4030,
-55.4147, -52.9734

■ 143.2810,
-43.5225, -40.5884

■ 125.6490,
-61.9450, -58.4512

■ 149.0350,
-36.9923, -35.1107

■ 154.9740,
-31.0462, -28.9182

■ 160.7280,
-24.5159, -23.4405

■ 166.6670,
-18.5698, -17.2480

■ 172.3070,
-12.4764, -11.6702

■ 178.3600, -6.0935,
-5.5777

■ 184.0000, 0.0000,
0.0000

■ 190.0530, 6.3829,
6.0925

Harmonies

Analogous

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



149.1470, -73.5295, 17.4111



137.3420, -49.4686, -46.7809



125.7000, -5.7681, -110.2389

Triad

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



137.3420, -49.4686, -46.7809



136.4910, 58.4249, -119.7026



139.4100, -1.1881, 101.3724

Complementary

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



137.3420, -49.4686, -46.7809



83.6580, 49.4686, 46.7809

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.



154.1890, 27.5148, 88.4112



137.3420, -49.4686, -46.7809



124.1640, 64.5021, -108.8918

Square

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



137.3420, -49.4686, -46.7809



142.3610, 55.5310, -124.8506



164.5930, 44.5707, 31.0519



147.3930, -39.1407, 94.3713

Rectangle

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



137.3420, -49.4686, -46.7809



133.2750, 15.6404, -116.8822



164.5930, 44.5707, 31.0519



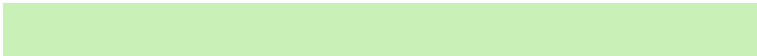
141.5590, 9.5844, 99.4878

Sweetspot

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



137.3420, -49.4686, -46.7809



221.7270, -19.5854, -18.1776



138.4790, -50.0291, 39.9219



108.8340, -11.7502, -11.2554



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



137.3420, -49.4686, -46.7809



166.8370, -77.3206, -73.5250



126.0250, -32.0573, -78.0749



89.1800, -3.0467, -2.7889



106.5220, -52.5153, -49.5698



19.1270, -9.4296, -8.8814

Inverse Universe

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



83.6580, 49.4686, 46.7809



82.8640, 77.4680, 72.9103



94.8610, 31.6205, 78.1749



85.8200, 3.0467, 2.7889



49.4780, 52.5153, 49.5698



8.8730, 9.4296, 8.8814

Previews

White Background



This preview shows how the YUV color 137.3420, -49.4686, -46.7809 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 137.3420, -49.4686, -46.7809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

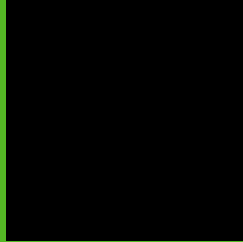
Any Text WCAG AA ✓ Pass

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 137.3420, -49.4686, -46.7809 Background



This preview shows how black text looks on a background with the YUV color 137.3420, -49.4686, -46.7809.



This preview shows how white text looks on a background with the YUV color 137.3420, -49.4686, -46.7809.

-46.7809.

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

137.3420, -49.4686, -46.7809

Protanopia

153.0460, -60.1687, 25.3927

Deuteranopia

156.1370, -51.3395, 40.2219



Tritanopia

154.3570, 15.1070, -38.9011

Trichromacy



Original Color

137.3420, -49.4686, -46.7809

Protanomaly

147.2060, -56.3036, -1.0577

Deuteranomaly

149.1670, -50.3683, 8.6235

Tritanomaly

148.4450, -8.6004, -41.6093

Monochromacy



Original Color

137.3420, -49.4686, -46.7809

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1940, -17.8436, -16.8331

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3420, -49.4686, -46.7809 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(84, 184, 37)` looks like.

```
.text, #text, p{  
    color:rgb(84, 184, 37)  
}
```

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(84, 184, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 184, 37) }
```

Border

The CSS property to change the border of an element to YUV 137.3420, -49.4686, -46.7809 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(84, 184, 37) }
```


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

```
.border{ border-color:rgb(84, 184, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 184, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 184, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 184, 37);  
box-shadow:4px 4px 4px 4px rgb(84, 184,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 137.3420, -49.4686, -46.7809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 184, 37) }
```

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

```
.background{ background-color: rgb(84, 184,  
37) }
```

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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