

Converting Colors

YUV(147.2950, -38.1064,
-51.1247)

Have a look what the booklet for
YUV(147.2950, -38.1064, -51.1247)
contains.

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Color

**YUV(147.2950, -38.1064,
-51.1247)**

Conversions

Conversions Part 1

Format	Color
Hex	59C046
RGB	89, 192, 70
RGB Percent	35%, 75%, 27%
CMY	0.6510, 0.2471, 0.7255
CMYK	0.54, 0.00, 0.64, 0.25
HSL	111°, 49%, 51%
HSV	111°, 64%, 75%
XYZ	24.0750, 40.2653, 12.2975
YIQ	147.2950, -22.2260, -59.7780

Conversions

Conversions Part 2

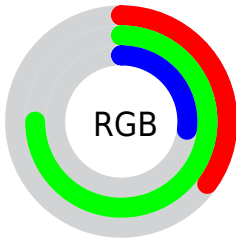
Format	Color
RYB	70, 192, 173
Decimal	5881926
CIELab	69.66, -52.86, 51.01
CIELCh	70, 73.458, 136.019
Yxy	40.2653, 0.3141, 0.5254
Android (android.graphics.Color)	4284072006 (0xFF59C046)
YUV	147.2950, -38.1064, -51.1247
Hunter-Lab	63.4550, -43.3229, 32.9282

Details

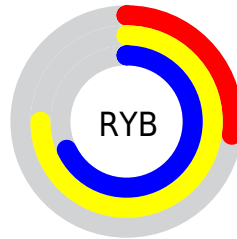
The YUV color **147.2950, -38.1064, -51.1247** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **114.7050, 38.1064, 51.1247**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.1380, -40.0010, -50.1100**, and **86.2290, -38.0739, -61.5908** is the 20% darker color. If you saturate the color by 10%, you get **140.3450, -44.0471, -59.0616**, and if you desaturate by 10%, it is **154.2450, -32.1658, -43.1879**.

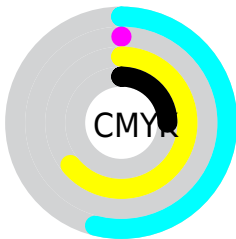
Distribution



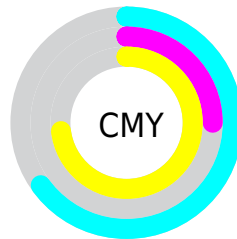
- Red (35%)
- Green (75%)
- Blue (27%)



- Red (27%)
- Yellow (75%)
- Blue (68%)



- Cyan (54%)
- Magenta (0%)
- Yellow (64%)
- Black (25%)



- Cyan (65%)
- Magenta (25%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2950, -38.1064, -51.1247 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 147.2950, -38.1064, -51.1247 by changing the saturation by 10% instead.

■ 147.2950,
-38.1064, -51.1247

■ 147.2950,
-38.1064, -51.1247

■ 255.0000, 0.0000,
0.0000

■ 118.5120,
-37.2274, -53.0690

■ 204.1380,
-40.0010, -50.1100

■ 86.2290, -38.0739,
-61.5908

■ 219.4090,
-34.2186, -38.0697

■ 65.1570, -32.1224,
-57.1427

■ 231.5710,
-26.4105, -22.4258

■ 50.4820, -24.8876,
-44.2727

■ 243.4340,
-18.4550, -7.3966

■ 35.8070, -17.6529,
-31.4027

■ 252.7200, -8.7360,
1.9996

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,

0.0000

■ 147.2950,
-38.1064, -51.1247

■ 147.2950,
-38.1064, -51.1247

■ 140.3450,
-44.0471, -59.0616

■ 154.2450,
-32.1658, -43.1879

■ 133.3950,
-49.9877, -66.9984

■ 161.1950,
-26.2251, -35.2510

■ 126.0320,
-56.2178, -75.4501

■ 168.5580,
-19.9951, -26.7994

■ 121.6740,
-59.9853, -80.3981

■ 175.5080,
-14.0544, -18.8625

■ 182.4580, -8.1138,
-10.9257

■ 189.4080, -2.1731,
-2.9888

■ 196.3580, 3.7675,
4.9480

■ 203.7210, 9.9975,
13.3997

■ 210.6710, 15.9382,
21.3365

Harmonies

Analogous

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



155.7010, -73.8026, 11.6632



147.2950, -38.1064, -51.1247



132.3170, 1.8157, -116.0420

Triad

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



147.2950, -38.1064, -51.1247



138.8390, 57.2674, -121.7618



153.4980, -8.1335, 89.0173

Complementary

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



147.2950, -38.1064, -51.1247



114.7050, 38.1064, 51.1247

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.



162.8970, 20.2638, 80.7743



147.2950, -38.1064, -51.1247



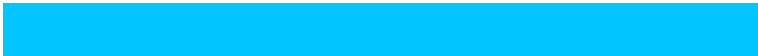
156.1240, 48.7459, -48.3437

Square

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



147.2950, -38.1064, -51.1247



145.2960, 54.0841, -127.4246



174.0840, 39.8916, 38.5143



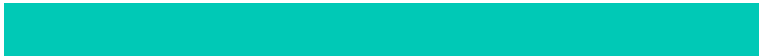
159.4580, -41.1448, 83.7903

Rectangle

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



147.2950, -38.1064, -51.1247



138.7350, 21.3296, -121.6706



174.0840, 39.8916, 38.5143



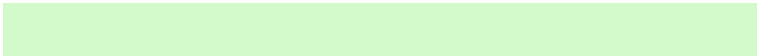
154.3590, 2.7810, 88.2622

Sweetspot

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



147.2950, -38.1064, -51.1247



232.5680, -15.0700, -19.7921



166.3520, -47.5015, 22.4933



114.5180, -9.1294, -11.8553



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



147.2950, -38.1064, -51.1247



180.5000, -59.4065, -79.3685



146.2880, -17.3970, -66.9046



93.4680, -3.1887, -3.9184



101.9820, -50.2771, -67.5132



20.8660, -10.2869, -13.9145

Inverse Universe

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



114.7050, 38.1064, 51.1247



129.5000, 59.4065, 79.3685



115.7120, 17.3970, 66.9046



90.5320, 3.1887, 3.9184



59.0180, 50.2771, 67.5132



12.1340, 10.2869, 13.9145

Previews

White Background



This preview shows how the YUV color 147.2950, -38.1064, -51.1247 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 147.2950, -38.1064, -51.1247 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 147.2950, -38.1064, -51.1247 Background



This preview shows how black text looks on a background with the YUV color 147.2950, -38.1064, -51.1247.



This preview shows how white text looks on a background with the YUV color 147.2950, -38.1064, -51.1247.

-51.1247.

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

147.2950, -38.1064, -51.1247

Protanopia

163.0100, -48.8119, 22.7932

Deuteranopia

166.1180, -42.4562, 37.6075



Tritanopia

161.8620, 15.8440, -41.9750

Trichromacy



Original Color

147.2950, -38.1064, -51.1247



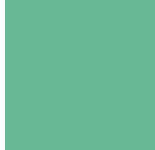
Protanomaly

157.1700, -44.9468, -3.6571



Deuteranomaly

158.9630, -40.9008, 5.2944



Tritanomaly

156.3890, -3.6428, -45.0682

Monochromacy



Original Color

147.2950, -38.1064, -51.1247



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.9210, -13.7651, -18.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2950, -38.1064, -51.1247 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(89, 192, 70)` looks like.

```
.text, #text, p{  
    color:rgb(89, 192, 70)  
}
```

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(89, 192, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 192, 70) }
```

Border

The CSS property to change the border of an element to YUV 147.2950, -38.1064, -51.1247 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(89, 192, 70) }
```


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

```
.border{ border-color:rgb(89, 192, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 192, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 192, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 192, 70);  
box-shadow:4px 4px 4px 4px rgb(89, 192,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 147.2950, -38.1064, -51.1247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 192, 70) }
```

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

```
.background{ background-color: rgb(89, 192,  
70) }
```

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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