

Converting Colors

YUV(149.8570, -47.2575,
-56.0026)

Have a look what the booklet for
YUV(149.8570, -47.2575, -56.0026)
contains.

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Color

**YUV(149.8570, -47.2575,
-56.0026)**

Conversions

Conversions Part 1

Format	Color
Hex	56C936
RGB	86, 201, 54
RGB Percent	34%, 79%, 21%
CMY	0.6627, 0.2118, 0.7882
CMYK	0.57, 0.00, 0.73, 0.21
HSL	107°, 58%, 50%
HSV	107°, 73%, 79%
XYZ	25.3903, 44.0181, 10.6482
YIQ	149.8570, -21.3530, -70.0970

Conversions

Conversions Part 2

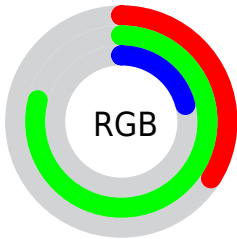
Format	Color
RYB	54, 201, 169
Decimal	5687606
CIELab	72.24, -58.33, 59.99
CIELCh	72, 83.676, 134.194
Yxy	44.0181, 0.3172, 0.5498
Android (android.graphics.Color)	4283877686 (0xFF56C936)
YUV	149.8570, -47.2575, -56.0026
Hunter-Lab	66.3461, -47.7948, 36.9266

Details

The YUV color **149.8570, -47.2575, -56.0026** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **105.1430, 47.2575, 56.0026**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1780, -47.4158, -51.8991**, and **85.7020, -42.2511, -75.1607** is the 20% darker color. If you saturate the color by 10%, you get **142.7930, -53.6349, -63.8395**, and if you desaturate by 10%, it is **156.9210, -40.8801, -48.1657**.

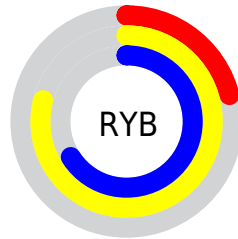
Distribution



Red (34%)

Green (79%)

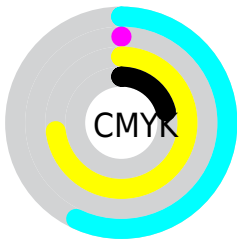
Blue (21%)



Red (21%)

Yellow (79%)

Blue (66%)

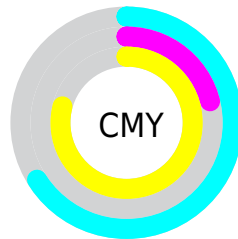


Cyan (57%)

Magenta (0%)

Yellow (73%)

Black (21%)



Cyan (66%)

Magenta (21%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8570, -47.2575, -56.0026 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 149.8570, -47.2575, -56.0026 by changing the saturation by 10% instead.

■ 149.8570,
-47.2575, -56.0026

■ 149.8570,
-47.2575, -56.0026

■ 255.0000, 0.0000,
0.0000

■ 119.3790,
-48.9938, -59.0914

■ 206.1780,
-47.4158, -51.8991

■ 85.7020, -42.2511,
-75.1607

■ 217.9270,
-39.8970, -36.7700

■ 69.8530, -34.4375,
-61.2611

■ 230.0890,
-32.0889, -21.1261

■ 54.5910, -26.9134,
-47.8763

■ 242.3650,
-23.8439, -5.5821

■ 39.9160, -19.6786,
-35.0063

■ 251.2380,
-14.4143, 3.2993

■ 27.0020, -13.3120,
-23.6808

■ 254.6580, -1.3104,

■ 8.8050, -4.3409,

0.2999

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 149.8570,
-47.2575, -56.0026

■ 149.8570,
-47.2575, -56.0026

■ 142.7930,
-53.6349, -63.8395

■ 156.9210,
-40.8801, -48.1657

■ 136.0280,
-60.1598, -71.0616

■ 163.6860,
-34.3552, -40.9436

■ 131.1430,
-64.6535, -76.4244

■ 170.7500,
-27.9778, -33.1067

■ 177.8140,
-21.6003, -25.2699

■ 184.9920,
-14.7861, -17.5330

■ 191.7570, -8.2612,
-10.3109

■ 198.8210, -1.8838,
-2.4740

■ 205.8850, 4.4937,
5.3629

■ 212.9490, 10.8711,
13.1997

Harmonies

Analogous

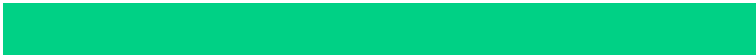
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161.8170, -79.7758, 14.1925



149.8570, -47.2575, -56.0026



137.8450, -2.3886, -120.8901

Triad

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



149.8570, -47.2575, -56.0026



144.7090, 54.3735, -126.9098



148.4260, -2.1820, 93.4654

Complementary

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



149.8570, -47.2575, -56.0026



105.1430, 47.2575, 56.0026

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.



161.9000, 29.1363, 81.6487



149.8570, -47.2575, -56.0026



150.0450, 51.7428, -76.3385

Square

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



149.8570, -47.2575, -56.0026



151.7530, 50.9008, -133.0874



177.9380, 37.9916, 41.2734



157.2410, -42.0238, 85.7346

Rectangle

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



149.8570, -47.2575, -56.0026



145.6480, 19.8935, -127.7333



177.9380, 37.9916, 41.2734



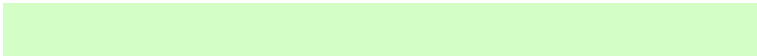
150.2160, 9.7535, 91.8956

Sweetspot

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



149.8570, -47.2575, -56.0026



235.4600, -17.9748, -21.4514



164.2840, -54.3700, 32.1999



116.3500, -11.0185, -12.5849



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.



149.8570, -47.2575, -56.0026



176.8400, -71.8991, -85.8057



144.7350, -25.5054, -79.5746



95.8810, -2.8993, -3.4036



106.4450, -52.4774, -61.7803



23.5240, -11.5973, -13.6145

Inverse Universe

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



105.1430, 47.2575, 56.0026



108.8610, 72.0465, 85.1909



110.2650, 25.5054, 79.5746



93.1190, 2.8993, 3.4036



56.8540, 52.3300, 62.3950



12.4760, 11.5973, 13.6145

Previews

White Background



This preview shows how the YUV color 149.8570, -47.2575, -56.0026 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 149.8570, -47.2575, -56.0026 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 149.8570, -47.2575, -56.0026 Background



This preview shows how black text looks on a background with the YUV color 149.8570, -47.2575, -56.0026.



This preview shows how white text looks on a background with the YUV color 149.8570, -47.2575, -56.0026.

-56.0026.

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

149.8570, -47.2575, -56.0026

Protanopia

167.6870, -59.0057, 25.7075

Deuteranopia

171.1480, -51.3450, 41.9662



Tritanopia

168.1820, 17.1653, -45.7636

Trichromacy



Original Color

149.8570, -47.2575, -56.0026



Protanomaly

161.2380, -54.8403, -3.7167



Deuteranomaly

163.2700, -49.9261, 6.7792



Tritanomaly

161.6720, -6.2473, -49.7013

Monochromacy



Original Color

149.8570, -47.2575, -56.0026



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

150.2860, -17.3960, -20.4218

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8570, -47.2575, -56.0026 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(86, 201, 54)` looks like.

```
.text, #text, p{  
    color:rgb(86, 201, 54)  
}
```

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(86, 201, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 201, 54) }
```

Border

The CSS property to change the border of an element to YUV 149.8570, -47.2575, -56.0026 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(86, 201, 54) }
```


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

```
.border{ border-color:rgb(86, 201, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 201, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 201, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 201, 54);  
box-shadow:4px 4px 4px 4px rgb(86, 201,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 149.8570, -47.2575, -56.0026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 201, 54) }
```

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

```
.background{ background-color: rgb(86, 201,  
54) }
```

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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