

Converting Colors

YUV(170.0070, -37.9645,
-49.9951)

Have a look what the booklet for
YUV(170.0070, -37.9645, -49.9951)
contains.

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Color

**YUV(170.0070, -37.9645,
-49.9951)**

Conversions

Conversions Part 1

Format	Color
Hex	71D65D
RGB	113, 214, 93
RGB Percent	44%, 84%, 36%
CMY	0.5569, 0.1608, 0.6353
CMYK	0.47, 0.00, 0.57, 0.16
HSL	110°, 60%, 60%
HSV	110°, 57%, 84%
XYZ	32.8324, 52.3942, 18.7386
YIQ	170.0070, -21.3550, -59.0430

Conversions

Conversions Part 2

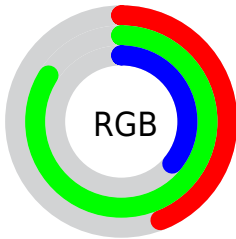
Format	Color
RYB	93, 214, 194
Decimal	7460445
CIELab	77.52, -52.26, 49.99
CIELCh	78, 72.318, 136.273
Yxy	52.3942, 0.3158, 0.5040
Android (android.graphics.Color)	4285650525 (0xFF71D65D)
YUV	170.0070, -37.9645, -49.9951
Hunter-Lab	72.3838, -45.7063, 35.3198

Details

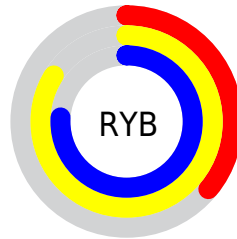
The YUV color **170.0070, -37.9645, -49.9951** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **136.9930, 37.9645, 49.9951**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.4580, -35.2288, -40.7437**, and **112.8540, -35.9170, -53.3690** is the 20% darker color. If you saturate the color by 10%, you get **162.2310, -44.4839, -58.9616**, and if you desaturate by 10%, it is **177.7830, -31.4450, -41.0287**.

Distribution



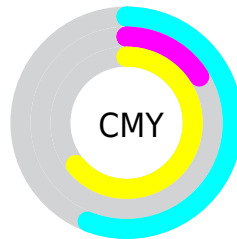
- Red (44%)
- Green (84%)
- Blue (36%)



- Red (36%)
- Yellow (84%)
- Blue (76%)



- Cyan (47%)
- Magenta (0%)
- Yellow (57%)
- Black (16%)



- Cyan (56%)
- Magenta (16%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0070, -37.9645, -49.9951 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 170.0070, -37.9645, -49.9951 by changing the saturation by 10% instead.

■ 170.0070,
-37.9645, -49.9951

■ 170.0070,
-37.9645, -49.9951

■ 255.0000, 0.0000,
0.0000

■ 141.9360,
-36.9434, -50.8099

■ 217.4580,
-35.2288, -40.7437

■ 112.8540,
-35.9170, -53.3690

■ 229.3210,
-27.2733, -25.7145

■ 79.2500, -36.6052,
-65.9942

■ 241.4830,
-19.4651, -10.0706

■ 62.2220, -30.6754,
-54.5687

■ 252.2640,
-10.4832, 2.3995

■ 46.9600, -23.1513,
-41.1839

■ 32.8720, -16.2059,
-28.8287

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 170.0070,
-37.9645, -49.9951

■ 170.0070,
-37.9645, -49.9951

■ 162.2310,
-44.4839, -58.9616

■ 177.7830,
-31.4450, -41.0287

■ 154.3410,
-51.4401, -67.8281

■ 185.6730,
-24.4888, -32.1622

■ 146.5650,
-57.9595, -76.7945

■ 193.4490,
-17.9694, -23.1958

■ 138.9740,
-65.0632, -85.0462

■ 201.0400,
-10.8657, -14.9441

■ 136.0830,
-67.0889, -88.6498

■ 208.8160, -4.3463,
-5.9776

■ 216.5920, 2.1731,
2.9888

■ 224.4820, 9.1294,
11.8553

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

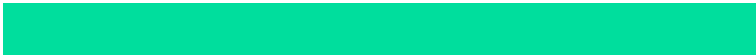
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



179.5790, -65.3614, 10.8932



170.0070, -37.9645, -49.9951



148.2120, 4.3325, -129.9819

Triad

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



170.0070, -37.9645, -49.9951



151.1660, 51.1902, -132.5726



170.5670, -6.1955, 74.0477

Complementary

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



170.0070, -37.9645, -49.9951



136.9930, 37.9645, 49.9951

Split Complementary

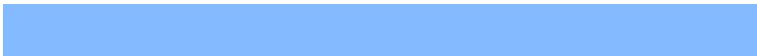
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



179.9660, 22.2018, 65.8048



170.0070, -37.9645, -49.9951



177.7200, 38.0990, -40.0964

Square

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



170.0070, -37.9645, -49.9951



158.2100, 47.7175, -138.7502



193.8750, 30.1346, 41.3286



175.3530, -38.6280, 69.8504

Rectangle

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



170.0070, -37.9645, -49.9951



154.7440, 24.2832, -135.7105



193.8750, 30.1346, 41.3286



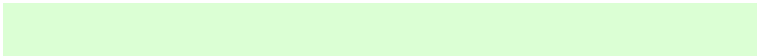
171.3140, 4.2822, 73.3926

Sweetspot

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



170.0070, -37.9645, -49.9951



239.3340, -13.4757, -17.8329



188.4660, -47.0647, 22.3933



118.4580, -8.1138, -10.9257



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.



170.0070, -37.9645, -49.9951



191.9230, -54.1920, -71.8465



168.5870, -17.5444, -66.2898



103.0550, -3.4781, -4.4332



108.7490, -53.6133, -70.8169



27.3340, -13.4757, -17.8329

Inverse Universe

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



136.9930, 37.9645, 49.9951



144.7780, 54.3394, 71.2317



138.4130, 17.5444, 66.2898



99.9450, 3.4781, 4.4332



62.2510, 53.6133, 70.8169



15.6660, 13.4757, 17.8329

Previews

White Background



This preview shows how the YUV color 170.0070, -37.9645, -49.9951 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 170.0070, -37.9645, -49.9951 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 170.0070, -37.9645, -49.9951 Background



This preview shows how black text looks on a background with the YUV color 170.0070, -37.9645, -49.9951.



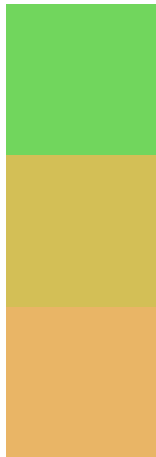
This preview shows how white text looks on a background with the YUV color 170.0070, -37.9645, -49.9951.

-49.9951.

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

170.0070, -37.9645, -49.9951

Protanopia

185.0100, -48.8119, 22.7932

Deuteranopia

187.5420, -42.1722, 39.8667



Tritanopia

183.6880, 16.4228, -40.9454

Trichromacy



Original Color

170.0070, -37.9645, -49.9951



Protanomaly

179.2840, -44.5100, -3.7571



Deuteranomaly

181.0880, -40.4694, 6.9388



Tritanomaly

178.8020, -3.3534, -44.5534

Monochromacy



Original Color

170.0070, -37.9645, -49.9951



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.9210, -13.7651, -18.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0070, -37.9645, -49.9951 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(113, 214, 93)` looks like.

```
.text, #text, p{  
    color:rgb(113, 214, 93)  
}
```

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(113, 214, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 214, 93) }
```

Border

The CSS property to change the border of an element to YUV 170.0070, -37.9645, -49.9951 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(113, 214, 93) }
```


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

```
.border{ border-color:rgb(113, 214, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 214, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 214, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 214, 93);  
box-shadow:4px 4px 4px 4px rgb(113, 214,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 170.0070, -37.9645, -49.9951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 214, 93) }
```

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

```
.background{ background-color: rgb(113,  
214, 93) }
```

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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