

Converting Colors

YUV(149.9270, 37.5040,
-35.8930)

Have a look what the booklet for
YUV(149.9270, 37.5040, -35.8930)
contains.

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Color

**YUV(149.9270, 37.5040,
-35.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9CE2
RGB	109, 156, 226
RGB Percent	43%, 61%, 89%
CMY	0.5725, 0.3882, 0.1137
CMYK	0.52, 0.31, 0.00, 0.11
HSL	216°, 67%, 66%
HSV	216°, 52%, 89%
XYZ	31.9226, 32.5191, 76.5458
YIQ	149.9270, -50.4820, 11.8060

Conversions

Conversions Part 2

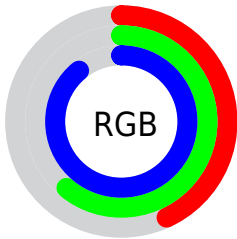
Format	Color
RYB	109, 143, 226
Decimal	7183586
CIELab	63.77, 3.72, -40.30
CIELCh	64, 40.472, 275.274
Yxy	32.5191, 0.2264, 0.2307
Android (android.graphics.Color)	4285373666 (0xFF6D9CE2)
YUV	149.9270, 37.5040, -35.8930
Hunter-Lab	57.0255, 0.1287, -39.6675

Details

The YUV color **149.9270, 37.5040, -35.8930** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **185.0730, -37.5040, 35.8930**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9740, 26.1418, -31.5492**, and **95.3670, 36.7941, -41.5409** is the 20% darker color. If you saturate the color by 10%, you get **134.8320, 44.9458, -42.8257**, and if you desaturate by 10%, it is **165.0220, 30.0622, -28.9603**.

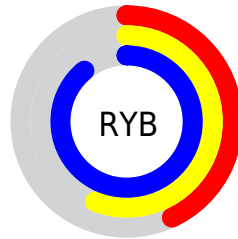
Distribution



Red (43%)

Green (61%)

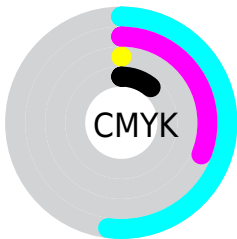
Blue (89%)



Red (43%)

Yellow (56%)

Blue (89%)

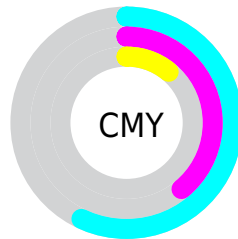


Cyan (52%)

Magenta (31%)

Yellow (0%)

Black (11%)



Cyan (57%)

Magenta (39%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.9270, 37.5040, -35.8930 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 149.9270, 37.5040, -35.8930 by changing the saturation by 10% instead.

■ 149.9270, 37.5040,
-35.8930

■ 149.9270, 37.5040,
-35.8930

255.0000, 0.0000,
0.0000

■ 122.8020, 37.0726,
-37.5374

■ 201.9740, 26.1418,
-31.5492

■ 95.3670, 36.7941,
-41.5409

■ 227.0810, 13.7641,
-28.1350

■ 63.9630, 39.4582,
-56.0956

■ 246.0300, 4.4222,
-18.4433

■ 48.0850, 34.4681,
-42.1705

■ 32.7940, 29.1886,
-28.7603

■ 17.7310, 24.7826,
-15.5501

■ 7.0050, 19.2245,

-6.1434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 149.9270, 37.5040,
-35.8930

■ 149.9270, 37.5040,
-35.8930

■ 134.8320, 44.9458,
-42.8257

■ 165.0220, 30.0622,
-28.9603

■ 120.6230, 51.9509,
-49.6584

■ 179.2310, 23.0571,
-22.1276

■ 105.5280, 59.3927,
-56.5911

■ 194.3260, 15.6153,
-15.1949

■ 91.3190, 66.3977,
-63.4238

■ 208.5350, 8.6102,
-8.3622

■ 79.1810, 72.3818,
-69.4417

■ 223.6300, 1.1684,
-1.4295

■ 238.1380, -5.9840,
6.0180

■ 249.3460,
-11.5096, 4.9586

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



123.9030, 46.8828, -104.2779



149.9270, 37.5040, -35.8930



157.8570, 27.1855, 7.1414

Triad

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



149.9270, 37.5040, -35.8930



155.2000, -19.8186, 56.8296



140.4120, -8.5841, -46.8423

Complementary

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



149.9270, 37.5040, -35.8930



185.0730, -37.5040, 35.8930

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.



147.3380, -26.2956, -12.5744



149.9270, 37.5040, -35.8930



153.8980, -31.9947, 42.1855

Square

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



149.9270, 37.5040, -35.8930



157.0380, -3.9627, 57.8487



150.7610, -34.3922, 17.7496



119.7910, 19.8230, -105.0567

Rectangle

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



149.9270, 37.5040, -35.8930



159.0080, 18.2371, 30.6880



150.7610, -34.3922, 17.7496



142.7680, -15.1686, -34.8765

Sweetspot

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



149.9270, 37.5040, -35.8930



228.6530, 12.9891, -12.8507



185.4310, -4.1565, -67.0300



111.7200, 8.0260, -7.6474



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.



149.9270, 37.5040, -35.8930



151.9930, 50.7825, -48.2289



125.3280, 49.6313, -5.5497



104.6020, 3.6472, -3.1590



61.7410, 56.3297, -54.1469



16.6250, 15.4679, -14.5801

Inverse Universe

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



149.3410, 3.2829, 67.2299



151.4240, 4.2280, 90.8362



209.6720, -49.6313, 5.5497



104.7450, 0.1257, 6.3626



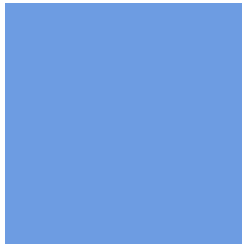
60.7180, 5.0690, 101.1023



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 149.9270, 37.5040, -35.8930 looks on a white background.

Color Contrast Check

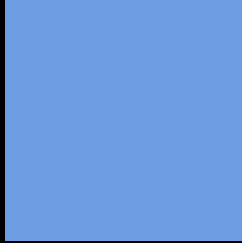
Large Text (above 18pt) WCAG AA × Fail

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 149.9270, 37.5040, -35.8930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

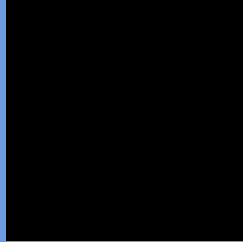
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.9270, 37.5040, -35.8930

Background



This preview shows how black text looks on a background with the YUV color 149.9270, 37.5040, -35.8930.



This preview shows how white text looks on a background with the YUV color 149.9270, 37.5040, -35.8930.

-35.8930.

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

149.9270, 37.5040, -35.8930

Protanopia

153.1140, 33.9608, -19.3940

Deuteranopia

152.4660, 36.7453, -25.8417



Tritanopia

145.0680, 16.7285, -45.6636

Trichromacy



Original Color

149.9270, 37.5040, -35.8930

Protanomaly

152.0100, 34.9981, -25.4418

Deuteranomaly

151.5580, 37.1929, -29.4304

Tritanomaly

147.0390, 24.1378, -42.1302

Monochromacy



Original Color

149.9270, 37.5040, -35.8930

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.8810, 13.8627, -13.0506

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9270, 37.5040, -35.8930 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(109, 156, 226)` looks like.

```
.text, #text, p{  
    color:rgb(109, 156, 226)  
}
```

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(109, 156, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 156, 226) }
```

Border

The CSS property to change the border of an element to YUV 149.9270, 37.5040, -35.8930 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(109, 156, 226) }
```


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

```
.border{ border-color:rgb(109, 156, 226) }
```

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

Here you see how a box with a 4 pixel rgb(109, 156, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 156, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 156, 226);  
box-shadow:4px 4px 4px 4px rgb(109, 156,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 149.9270, 37.5040, -35.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 156, 226) }
```

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

```
.background{ background-color: rgb(109,  
156, 226) }
```

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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