

# Converting Colors

YUV(149.5970, 31.2577,  
-39.1116)

Have a look what the booklet for  
YUV(149.5970, 31.2577, -39.1116)  
contains.

<b>YUV(149.5970, 31.2577, -39.1116)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(149.5970, 31.2577,  
-39.1116)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69A0D5
RGB	105, 160, 213
RGB Percent	41%, 63%, 84%
CMY	0.5882, 0.3725, 0.1647
CMYK	0.51, 0.25, 0.00, 0.16
HSL	209°, 56%, 62%
HSV	209°, 51%, 84%
XYZ	30.4067, 32.9490, 67.7080
YIQ	149.5970, -49.7930, 4.8230

# Conversions

## Conversions Part 2

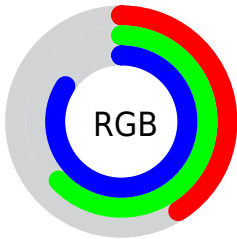
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 141, 213
Decimal	6922453
CIELab	64.12, -3.38, -32.57
CIELCh	64, 32.747, 264.078
Yxy	32.9490, 0.2320, 0.2514
Android (android.graphics.Color)	4285112533 (0xFF69A0D5)
YUV	149.5970, 31.2577, -39.1116
Hunter-Lab	57.4012, -5.8965, -29.7551

# Details

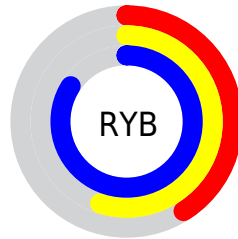
The YUV color **149.5970, 31.2577, -39.1116** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **168.4030, -31.2577, 39.1116**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.7130, 25.2845, -36.5823**, and **95.4500, 30.8371, -44.2447** is the 20% darker color. If you saturate the color by 10%, you get **137.4480, 37.2471, -46.8739**, and if you desaturate by 10%, it is **161.7460, 25.2682, -31.3492**.

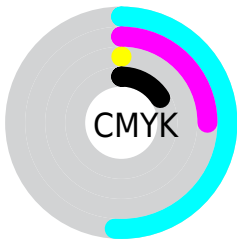
# Distribution



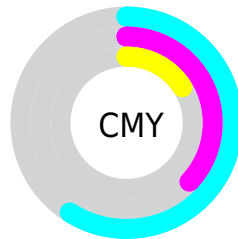
- Red (41%)
- Green (63%)
- Blue (84%)



- Red (41%)
- Yellow (55%)
- Blue (84%)



- Cyan (51%)
- Magenta (25%)
- Yellow (0%)
- Black (16%)



- Cyan (59%)
- Magenta (37%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 149.5970, 31.2577, -39.1116 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 149.5970, 31.2577, -39.1116 by changing the saturation by 10% instead.



■ 149.5970, 31.2577,  
-39.1116

■ 149.5970, 31.2577,  
-39.1116

■ 255.0000, 0.0000,  
0.0000

■ 122.4720, 30.8263,  
-40.7559

■ 203.7130, 25.2845,  
-36.5823

■ 95.4500, 30.8371,  
-44.2447

■ 228.5210, 13.0541,  
-33.7829

■ 64.9430, 33.0591,  
-56.9550

■ 244.5350, 5.1592,  
-21.5172

■ 48.4780, 28.3583,  
-42.5152

■ 253.2060, 0.8844,  
-3.6887

■ 32.8280, 24.2418,  
-28.7902

■ 18.4660, 19.9833,  
-16.1947

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,  
-1.1997

■ 0.0000, 0.0000,  
0.0000

■ 149.5970, 31.2577,  
-39.1116

■ 149.5970, 31.2577,  
-39.1116

■ 137.4480, 37.2471,  
-46.8739

■ 161.7460, 25.2682,  
-31.3492

■ 124.4130, 43.6734,  
-54.7362

■ 174.7810, 18.8420,  
-23.4869

■ 112.2640, 49.6628,  
-62.4985

■ 186.9300, 12.8525,  
-15.7246

■ 99.5280, 55.9417,  
-69.7461

■ 199.6660, 6.5737,  
-8.4771

■ 87.6780, 61.7837,  
-76.8936

■ 212.1140, 0.4368,  
-0.1000

■ 224.8500, -5.8420,  
7.1476

■ 236.9990,  
-11.8315, 14.9099

■ 243.7550,  
-15.1622, 9.8619

■ 249.6250,  
-18.0561, 4.7139

# Harmonies

## Analogous

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



138.9970, 31.0605, -69.2804



149.5970, 31.2577, -39.1116



157.0250, 25.6237, -5.2839

# Triad

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



149.5970, 31.2577, -39.1116



157.5070, -12.0820, 48.6674



146.6920, -13.1592, -26.0399

# Complementary

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



149.5970, 31.2577, -39.1116



168.4030, -31.2577, 39.1116

# 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.



151.1700, -24.7338, -0.1491



149.5970, 31.2577, -39.1116



156.1780, -23.2588, 40.1859

# Square

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



149.5970, 31.2577, -39.1116



158.7310, 1.6116, 43.2089



154.1020, -28.1513, 22.7125



141.4680, 3.2203, -53.0304



# Rectangle

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



149.5970, 31.2577, -39.1116



159.1370, 19.1595, 14.7889



154.1020, -28.1513, 22.7125



148.8950, -17.6962, -17.4479

# Sweetspot

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



149.5970, 31.2577, -39.1116



232.4850, 11.0999, -13.5803



174.3240, -8.5407, -60.7971



114.0790, 6.8631, -7.9623



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

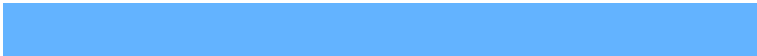


# Same Dimension

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



149.5970, 31.2577, -39.1116



163.7440, 44.9892, -56.7805



118.4860, 46.5954, -11.8272



100.7760, 3.0684, -4.1886



70.5630, 49.5154, -61.8838



17.8160, 12.4157, -15.6246



# Inverse Universe

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



143.5620, 8.1039, 60.8971



154.7640, 11.9483, 87.9070



199.5140, -46.5954, 11.8272



99.9730, 0.9993, 6.1627



61.0470, 12.7948, 96.4288



15.3650, 3.2711, 24.2359



# Previews

## White Background



This preview shows how the YUV color 149.5970, 31.2577, -39.1116 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 149.5970, 31.2577, -39.1116 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 149.5970, 31.2577, -39.1116

## Background



This preview shows how black text looks on a background with the YUV color 149.5970, 31.2577, -39.1116.



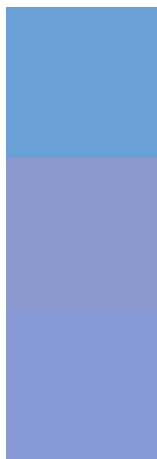
This preview shows how white text looks on a background with the YUV color 149.5970, 31.2577, -39.1116.

-39.1116.

# 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

149.5970, 31.2577, -39.1116

### Protanopia

154.9700, 25.6508, -14.0057

### Deuteranopia

154.6860, 29.7348, -17.2646



**Tritanopia**

146.0680, 16.7285, -45.6636

# Trichromacy



## Original Color

149.5970, 31.2577, -39.1116

## Protanomaly

153.3710, 27.4251, -23.1274

## Deuteranomaly

153.0440, 30.0513, -25.4716

## Tritanomaly

147.4580, 21.9592, -43.3747

# Monochromacy



## Original Color

149.5970, 31.2577, -39.1116

## Achromatopsia

150.0000, 0.0000, 0.0000

## Achromatomaly

150.1860, 11.2473, -14.1951

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 149.5970, 31.2577, -39.1116 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(105, 160, 213)` looks like.

```
.text, #text, p{  
    color:rgb(105, 160, 213)  
}
```

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(105, 160, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 160, 213) }
```

## Border

The CSS property to change the border of an element to YUV 149.5970, 31.2577, -39.1116 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".

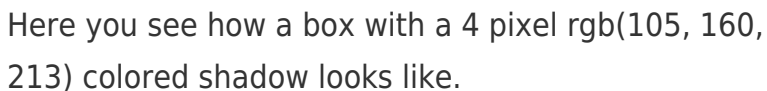
```
.border, #border, table{ border:4px solid rgb(105, 160, 213) }
```



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

```
.border{ border-color:rgb(105, 160, 213) }
```

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



Here you see how a box with a 4 pixel rgb(105, 160, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 160, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 160, 213); box-shadow:4px 4px 4px 4px rgb(105, 160, 213) }
```

# Background

The CSS property to change the background color of an element to YUV 149.5970, 31.2577, -39.1116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 160, 213) }
```

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

```
.background{ background-color: rgb(105,  
160, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor