

Converting Colors

YUV(150.8960, 51.3233,
-34.9888)

Have a look what the booklet for
YUV(150.8960, 51.3233, -34.9888)
contains.

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Color

**YUV(150.8960, 51.3233,
-34.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	6F97FF
RGB	111, 151, 255
RGB Percent	44%, 59%, 100%
CMY	0.5647, 0.4078, 0.0000
CMYK	0.56, 0.41, 0.00, 0.00
HSL	223°, 100%, 72%
HSV	223°, 56%, 100%
XYZ	35.6722, 32.7327, 99.0457
YIQ	150.8960, -57.2240, 23.8640

Conversions

Conversions Part 2

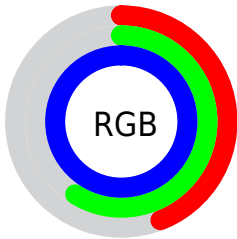
Format	Color
RYB	111, 142, 255
Decimal	7313407
CIELab	63.94, 16.08, -55.95
CIElCh	64, 58.215, 286.031
Yxy	32.7327, 0.2130, 0.1955
Android (android.graphics.Color)	4285503487 (0xFF6F97FF)
YUV	150.8960, 51.3233, -34.9888
Hunter-Lab	57.2125, 11.1733, -62.5934

Details

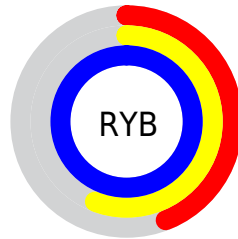
The YUV color **150.8960, 51.3233, -34.9888** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **215.1040, -51.3233, 34.9888**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.5340, 26.8517, -25.9013**, and **94.4170, 51.0664, -45.9697** is the 20% darker color. If you saturate the color by 10%, you get **132.8550, 60.2175, -41.0918**, and if you desaturate by 10%, it is **169.2360, 42.2817, -28.2710**.

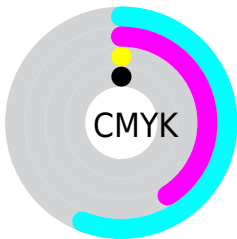
Distribution



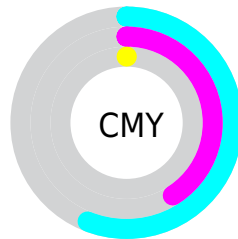
- Red (44%)
- Green (59%)
- Blue (100%)



- Red (44%)
- Yellow (56%)
- Blue (100%)



- Cyan (56%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.8960, 51.3233, -34.9888 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 150.8960, 51.3233, -34.9888 by changing the saturation by 10% instead.

■ 150.8960, 51.3233,
-34.9888

■ 150.8960, 51.3233,
-34.9888

255.0000, 0.0000,
0.0000

■ 122.7600, 50.8973,
-38.3775

■ 200.5340, 26.8517,
-25.9013

■ 94.4170, 51.0664,
-45.9697

■ 225.9400, 14.3266,
-21.8724

■ 64.5790, 51.9726,
-56.6358

■ 247.8240, 3.5378,
-14.7546

■ 48.5870, 46.5456,
-42.6108

■ 33.8830, 40.9767,
-29.7154

■ 18.5920, 35.6971,
-16.3052

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 150.8960, 51.3233,
-34.9888

■ 150.8960, 51.3233,
-34.9888

■ 132.8550, 60.2175,
-41.0918

■ 169.2360, 42.2817,
-28.2710

■ 113.9280, 69.5485,
-47.2949

■ 187.8640, 33.0980,
-22.6827

■ 95.5880, 78.5901,
-54.0127

■ 206.2040, 24.0564,
-15.9649

■ 76.9600, 87.7737,
-59.6009

■ 224.8320, 14.8728,
-10.3767

■ 70.7470, 90.8367,
-62.0451

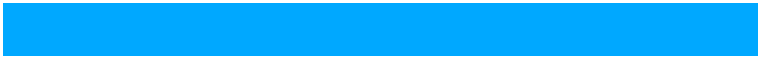
■ 243.1720, 5.8312,
-3.6588

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



127.6860, 62.7658, -111.9806



150.8960, 51.3233, -34.9888



159.4220, 33.8090, 29.4479

Triad

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



150.8960, 51.3233, -34.9888



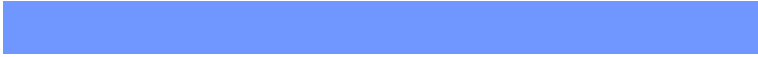
152.4120, -34.7131, 74.1837



119.6650, 4.1092, -104.9462

Complementary

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



150.8960, 51.3233, -34.9888



215.1040, -51.3233, 34.9888

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.



138.6740, -29.4193, -37.4251



150.8960, 51.3233, -34.9888



150.8110, -50.1928, 45.7698

Square

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



150.8960, 51.3233, -34.9888



152.8520, -11.7590, 85.1988



146.3950, -49.4947, 8.4236



126.4080, 27.4069, -110.8598

Rectangle

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



150.8960, 51.3233, -34.9888



158.2380, 19.6027, 59.4273



146.3950, -49.4947, 8.4236



121.6360, -5.2435, -91.7658

Sweetspot

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



150.8960, 51.3233, -34.9888



223.9460, 15.3096, -10.4766



207.2700, 3.3179, -84.4288



109.0730, 9.3310, -6.2030



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.



150.8960, 51.3233, -34.9888



129.8980, 61.6753, -42.0065



136.6850, 58.3293, 4.6613



118.2430, 4.8102, -2.8441



52.8850, 68.0907, -46.3801



17.8620, 22.7460, -15.6650

Inverse Universe

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



158.6160, -3.7547, 84.5288



139.1990, -4.5351, 101.5575



229.3150, -58.3293, -4.6613



119.2290, -0.6059, 7.6922



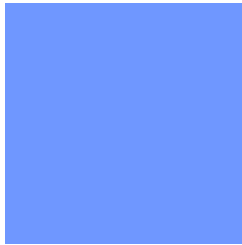
63.1510, -5.0044, 112.1236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 150.8960, 51.3233, -34.9888 looks on a white background.

Color Contrast Check

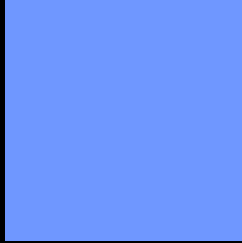
Large Text (above 18pt) WCAG AA × Fail

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 150.8960, 51.3233, -34.9888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

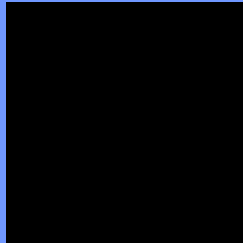
Any Text WCAG AA ✓ Pass

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 150.8960, 51.3233, -34.9888 Background



This preview shows how black text looks on a background with the YUV color 150.8960, 51.3233, -34.9888.



This preview shows how white text looks on a background with the YUV color 150.8960, 51.3233, -34.9888.

-34.9888.

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

150.8960, 51.3233, -34.9888

Protanopia

151.1950, 51.1759, -34.3740

Deuteranopia

146.8510, 52.8245, -49.8583



Tritanopia

143.1810, 18.6448, -53.6557

Trichromacy



Original Color

150.8960, 51.3233, -34.9888

Protanomaly

151.1950, 51.1759, -34.3740

Deuteranomaly

148.6560, 51.9346, -44.4253

Tritanomaly

146.0260, 30.5532, -46.5038

Monochromacy



Original Color

150.8960, 51.3233, -34.9888

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.8470, 18.8094, -13.0208

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.8960, 51.3233, -34.9888 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(111, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 151, 255)  
}
```

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(111, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 151, 255) }
```

Border

The CSS property to change the border of an element to YUV 150.8960, 51.3233, -34.9888 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(111, 151, 255) }
```


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

```
.border{ border-color:rgb(111, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 151,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 150.8960, 51.3233, -34.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 151, 255) }
```

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

```
.background{ background-color: rgb(111,  
151, 255) }
```

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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