

Converting Colors

YUV(139.9040, 52.3053,
-70.0758)

Have a look what the booklet for
YUV(139.9040, 52.3053, -70.0758)
contains.

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Color

**YUV(139.9040, 52.3053,
-70.0758)**

Conversions

Conversions Part 1

Format	Color
Hex	3CA0F6
RGB	60, 160, 246
RGB Percent	24%, 63%, 96%
CMY	0.7647, 0.3725, 0.0353
CMYK	0.76, 0.35, 0.00, 0.04
HSL	208°, 91%, 60%
HSV	208°, 76%, 96%
XYZ	31.0688, 32.7561, 91.8738
YIQ	139.9040, -87.2060, 5.5460

Conversions

Conversions Part 2

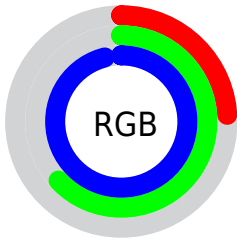
Format	Color
R _{YB}	60, 125, 246
Decimal	3973366
CIE Lab	63.96, -0.24, -51.12
CIE LCh	64, 51.124, 269.732
Yxy	32.7561, 0.1995, 0.2104
Android (android.graphics.Color)	4282163446 (0xFF3CA0F6)
YUV	139.9040, 52.3053, -70.0758
Hunter-Lab	57.2329, -3.2591, -55.1129

Details

The YUV color **139.9040, 52.3053, -70.0758** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **166.0960, -52.3053, 70.0758**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.8570, 30.1435, -55.1256**, and **85.5290, 51.0112, -75.0089** is the 20% darker color. If you saturate the color by 10%, you get **125.9720, 59.1738, -79.7824**, and if you desaturate by 10%, it is **153.8360, 45.4369, -60.3692**.

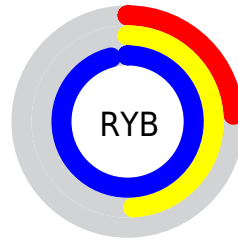
Distribution



Red (24%)

Green (63%)

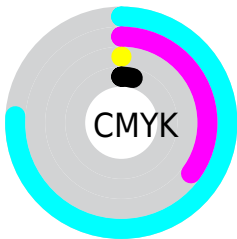
Blue (96%)



Red (24%)

Yellow (49%)

Blue (96%)

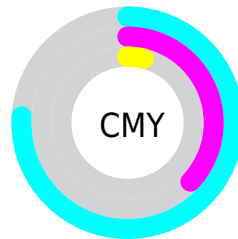


Cyan (76%)

Magenta (35%)

Yellow (0%)

Black (4%)



Cyan (76%)

Magenta (37%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.9040, 52.3053, -70.0758 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 139.9040, 52.3053, -70.0758 by changing the saturation by 10% instead.

■ 139.9040, 52.3053,
-70.0758

■ 139.9040, 52.3053,
-70.0758

■ 255.0000, 0.0000,
0.0000

■ 103.3960, 56.0068,
-90.6783

■ 193.8570, 30.1435,
-55.1256

■ 85.5290, 51.0112,
-75.0089

■ 220.4480, 17.0341,
-50.3819

■ 68.3630, 46.1630,
-59.9544

■ 236.7610, 8.9918,
-37.5014

■ 52.3710, 40.7361,
-45.9294

■ 246.0300, 4.4222,
-18.4433

■ 37.0800, 35.4566,
-32.5192

■ 22.4900, 30.3244,
-19.7237

■ 10.3620, 24.4715,

-9.0875

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 139.9040, 52.3053,
-70.0758

■ 139.9040, 52.3053,
-70.0758

■ 125.9720, 59.1738,
-79.7824

■ 153.8360, 45.4369,
-60.3692

■ 111.7520, 66.1843,
-88.3595

■ 168.0560, 38.4264,
-51.7921

■ 105.5280, 69.2527,
-92.5481

■ 181.9880, 31.5579,
-42.0855

■ 195.6210, 24.8368,
-32.9936

■ 210.1400, 17.6790,
-23.8018

■ 224.0720, 10.8105,
-14.0951

■ 238.2920, 3.8000,
-5.5181

■ 251.6260, -2.7736,
2.9590

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



126.9390, 52.2881, -111.3255



139.9040, 52.3053, -70.0758



157.2610, 37.8323, -1.1059

Triad

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



139.9040, 52.3053, -70.0758



154.3700, -20.8884, 73.3435



136.7610, -14.6722, -54.1644

Complementary

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



139.9040, 52.3053, -70.0758



166.0960, -52.3053, 70.0758

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.



146.0150, -36.4894, -9.6602



139.9040, 52.3053, -70.0758



153.3790, -38.1478, 55.7956

Square

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



139.9040, 52.3053, -70.0758



156.2660, 0.3619, 70.8037



150.0690, -44.8970, 27.1265



121.9280, 15.3185, -106.9309

Rectangle

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



139.9040, 52.3053, -70.0758



159.8970, 26.6728, 31.6623



150.0690, -44.8970, 27.1265



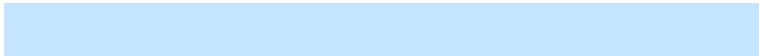
140.9820, -23.1621, -37.6952

Sweetspot

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



139.9040, 52.3053, -70.0758



221.5100, 16.5106, -22.3723



178.7580, -17.1357, -104.1508



107.2570, 10.2263, -13.3804



0.0000, 0.0000, 0.0000



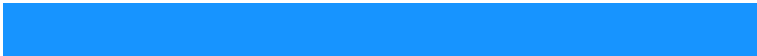
128.0000, 0.0000, 0.0000

Same Dimension

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



139.9040, 52.3053, -70.0758



122.8230, 65.1633, -87.5448



86.4870, 78.6399, -23.2291



115.4770, 3.2158, -4.8033



79.9040, 52.3053, -70.0758



25.5100, 16.5106, -22.3723

Inverse Universe

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



127.0140, 16.2621, 104.3507



106.6180, 20.4013, 130.1310



219.5130, -78.6399, 23.2291



114.3860, 1.2887, 6.6775



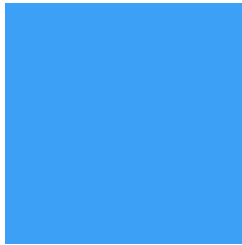
67.0140, 16.2621, 104.3507



21.2890, 5.2805, 33.0725

Previews

White Background



This preview shows how the YUV color 139.9040, 52.3053, -70.0758 looks on a white background.

Color Contrast Check

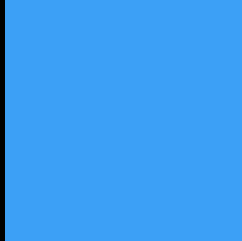
Large Text (above 18pt) WCAG AA × Fail

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 139.9040, 52.3053, -70.0758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

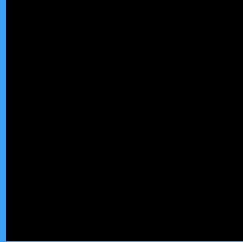
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

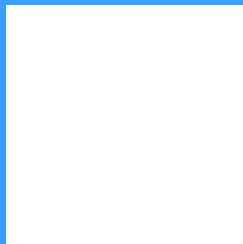
Any Text WCAG AAA ✓ Pass

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

YUV 139.9040, 52.3053, -70.0758 Background



This preview shows how black text looks on a background with the YUV color 139.9040, 52.3053, -70.0758.



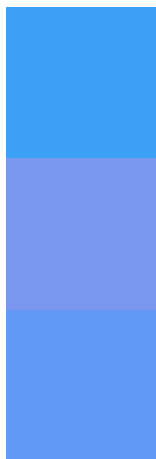
This preview shows how white text looks on a background with the YUV color 139.9040, 52.3053, -70.0758.

-70.0758.

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

139.9040, 52.3053, -70.0758

Protanopia

152.2470, 42.2762, -26.5266

Deuteranopia

148.1570, 48.7296, -43.1107



Tritanopia

121.3530, 30.8850, -106.4266

Trichromacy



Original Color

139.9040, 52.3053, -70.0758

Protanomaly

147.4730, 46.1088, -42.5108

Deuteranomaly

145.1450, 50.2145, -52.7472

Tritanomaly

128.2050, 38.8459, -93.1418

Monochromacy



Original Color

139.9040, 52.3053, -70.0758

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8840, 19.2842, -25.3313

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.9040, 52.3053, -70.0758 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(60, 160, 246)` looks like.

```
.text, #text, p{  
    color:rgb(60, 160, 246)  
}
```

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(60, 160, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 160, 246) }
```

Border

The CSS property to change the border of an element to YUV 139.9040, 52.3053, -70.0758 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(60, 160, 246) }
```


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

```
.border{ border-color:rgb(60, 160, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 160, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 160, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 160, 246);  
box-shadow:4px 4px 4px 4px rgb(60, 160,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 139.9040, 52.3053, -70.0758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 160, 246) }
```

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

```
.background{ background-color: rgb(60, 160,  
246) }
```

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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