

Converting Colors

YUV(137.0010, 55.2155,
-70.1609)

Have a look what the booklet for
YUV(137.0010, 55.2155, -70.1609)
contains.

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Color

**YUV(137.0010, 55.2155,
-70.1609)**

Conversions

Conversions Part 1

Format	Color
Hex	399CF9
RGB	57, 156, 249
RGB Percent	22%, 61%, 98%
CMY	0.7765, 0.3882, 0.0235
CMYK	0.77, 0.37, 0.00, 0.02
HSL	209°, 94%, 60%
HSV	209°, 77%, 98%
XYZ	30.6747, 31.4863, 94.0833
YIQ	137.0010, -88.8570, 7.9350

Conversions

Conversions Part 2

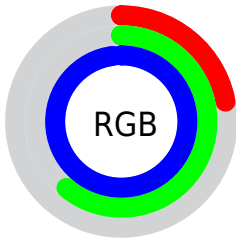
Format	Color
R _Y B	57, 122, 249
Decimal	3775737
CIE Lab	62.92, 2.81, -54.43
CIE LCh	63, 54.504, 272.955
Yxy	31.4863, 0.1963, 0.2015
Android (android.graphics.Color)	4281965817 (0xFF399CF9)
YUV	137.0010, 55.2155, -70.1609
Hunter-Lab	56.1127, -0.6180, -60.1317

Details

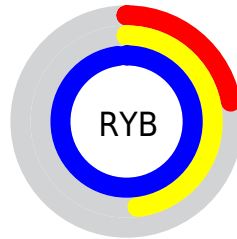
The YUV color **137.0010, 55.2155, -70.1609** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **168.9990, -55.2155, 70.1609**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2100, 31.4485, -53.6812**, and **83.5230, 53.4792, -73.2497** is the 20% darker color. If you saturate the color by 10%, you get **122.4820, 62.3734, -79.3527**, and if you desaturate by 10%, it is **151.5200, 48.0576, -60.9690**.

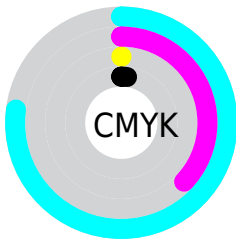
Distribution



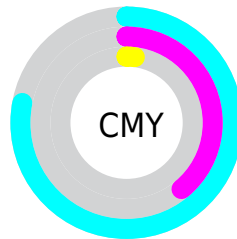
- Red (22%)
- Green (61%)
- Blue (98%)



- Red (22%)
- Yellow (48%)
- Blue (98%)



- Cyan (77%)
- Magenta (37%)
- Yellow (0%)
- Black (2%)



- Cyan (78%)
- Magenta (39%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.0010, 55.2155, -70.1609 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 137.0010, 55.2155, -70.1609 by changing the saturation by 10% instead.

■ 137.0010, 55.2155,
-70.1609

■ 137.0010, 55.2155,
-70.1609

255.0000, 0.0000,
0.0000

■ 101.3900, 58.4747,
-88.9190

■ 191.2100, 31.4485,
-53.6812

■ 83.5230, 53.4792,
-73.2497

■ 216.9150, 18.7759,
-49.0375

■ 66.8300, 47.9048,
-58.6099

■ 236.4620, 9.1392,
-38.1162

■ 50.3650, 43.2041,
-44.1701

■ 245.7310, 4.5696,
-19.0581

■ 35.6610, 37.6351,
-31.2747

■ 20.4840, 32.7924,
-17.9645

■ 10.5900, 25.3451,

-9.2874

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 137.0010, 55.2155,
-70.1609

■ 137.0010, 55.2155,
-70.1609

■ 122.4820, 62.3734,
-79.3527

■ 151.5200, 48.0576,
-60.9690

■ 107.9630, 69.5312,
-88.5446

■ 166.0390, 40.8998,
-51.7772

■ 103.5220, 71.7207,
-90.7888

■ 180.5580, 33.7419,
-42.5854

■ 195.0770, 26.5840,
-33.3935

■ 209.2970, 19.5736,
-24.8165

■ 223.8160, 12.4157,
-15.6246

■ 238.3350, 5.2578,
-6.4328

■ 252.5550, -1.7526,
2.1443

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

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



126.3350, 55.0508, -110.7958



137.0010, 55.2155, -70.1609



155.2340, 38.8316, 5.0568

Triad

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



137.0010, 55.2155, -70.1609



150.5830, -23.9514, 75.7877



128.8840, -11.2818, -68.3043

Complementary

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



137.0010, 55.2155, -70.1609



168.9990, -55.2155, 70.1609

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.



141.7540, -37.3467, -14.6933



137.0010, 55.2155, -70.1609



149.1680, -41.4948, 55.9807

Square

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



137.0010, 55.2155, -70.1609



152.1420, -1.5490, 77.0515



146.2490, -47.9438, 24.3376



121.0960, 17.2077, -106.2012

Rectangle

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



137.0010, 55.2155, -70.1609



156.6420, 26.7985, 38.0250



146.2490, -47.9438, 24.3376



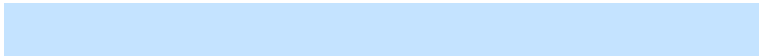
134.6820, -21.5352, -46.2021

Sweetspot

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



137.0010, 55.2155, -70.1609



220.9230, 16.8000, -21.8575



180.3060, -14.9409, -108.1394



106.6700, 10.5157, -12.8656



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.



137.0010, 55.2155, -70.1609



116.6320, 68.2154, -86.5003



80.6490, 82.9970, -20.7402



117.5910, 3.6526, -4.9033



78.4850, 54.4839, -68.8313



25.7380, 17.3842, -22.5722

Inverse Universe

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



125.6940, 14.9409, 108.1394



102.7710, 18.3539, 133.5048



225.3510, -82.9970, 20.7402



116.6850, 1.1413, 7.2923



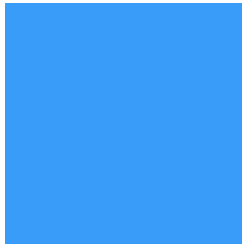
67.5690, 14.5095, 106.4950



21.8870, 4.9857, 34.3021

Previews

White Background



This preview shows how the YUV color 137.0010, 55.2155, -70.1609 looks on a white background.

Color Contrast Check

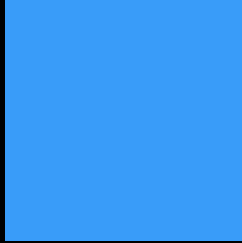
Large Text (above 18pt) WCAG AA × Fail

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 137.0010, 55.2155, -70.1609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

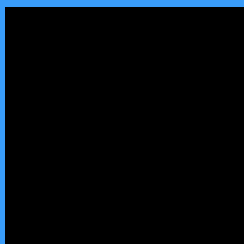
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

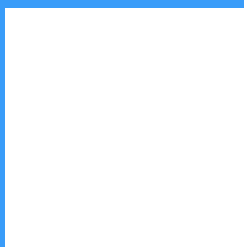
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.0010, 55.2155, -70.1609

Background



This preview shows how black text looks on a background with the YUV color 137.0010, 55.2155, -70.1609.



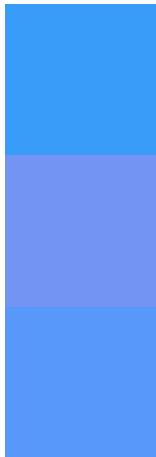
This preview shows how white text looks on a background with the YUV color 137.0010, 55.2155, -70.1609.

-70.1609.

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

137.0010, 55.2155, -70.1609

Protanopia

148.8490, 45.9234, -29.6856

Deuteranopia

143.7370, 52.3877, -49.7583



Tritanopia

119.2500, 30.4428, -104.5823

Trichromacy



Original Color

137.0010, 55.2155, -70.1609

Protanomaly

144.6730, 49.4612, -44.4402

Deuteranomaly

141.0350, 53.7197, -57.0357

Tritanomaly

126.0310, 39.4247, -92.1122

Monochromacy



Original Color

137.0010, 55.2155, -70.1609

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1120, 20.1578, -25.5312

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.0010, 55.2155, -70.1609 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(57, 156, 249)` looks like.

```
.text, #text, p{  
    color:rgb(57, 156, 249)  
}
```

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(57, 156, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 156, 249) }
```

Border

The CSS property to change the border of an element to YUV 137.0010, 55.2155, -70.1609 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(57, 156, 249) }
```


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

```
.border{ border-color:rgb(57, 156, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 156, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 156, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 156, 249);  
box-shadow:4px 4px 4px 4px rgb(57, 156,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 137.0010, 55.2155, -70.1609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 156, 249) }
```

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

```
.background{ background-color: rgb(57, 156,  
249) }
```

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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