

Converting Colors

YUV(125.7970, 57.7811,
-99.8000)

Have a look what the booklet for
YUV(125.7970, 57.7811, -99.8000)
contains.

YUV(125.7970, 57.7811, -99.8000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(125.7970, 57.7811,
-99.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	0CA1F3
RGB	12, 161, 243
RGB Percent	5%, 63%, 95%
CMY	0.9529, 0.3686, 0.0471
CMYK	0.95, 0.34, 0.00, 0.05
HSL	201°, 91%, 50%
HSV	201°, 95%, 95%
XYZ	29.0742, 32.0390, 89.4458
YIQ	125.7970, -115.1260, -6.0860

Conversions

Conversions Part 2

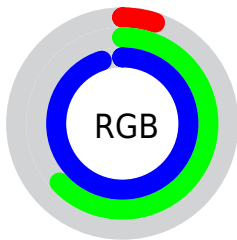
Format	Color
R_{YB}	12, 103, 243
Decimal	827891
CIE _{Lab}	63.38, -5.24, -50.46
CIE _{LCh}	63, 50.729, 264.071
Yxy	32.0390, 0.1931, 0.2128
Android (android.graphics.Color)	4279017971 (0xFF0CA1F3)
YUV	125.7970, 57.7811, -99.8000
Hunter-Lab	56.6030, -7.3686, -54.0698

Details

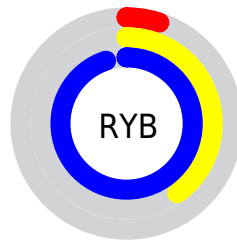
The YUV color **125.7970, 57.7811, -99.8000** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **129.2030, -57.7811, 99.8000**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4640, 32.8022, -67.9359**, and **85.7740, 49.4114, -75.2238** is the 20% darker color. If you saturate the color by 10%, you get **119.8610, 60.7075, -105.1181**, and if you desaturate by 10%, it is **138.2560, 51.6388, -89.6785**.

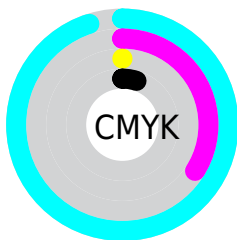
Distribution



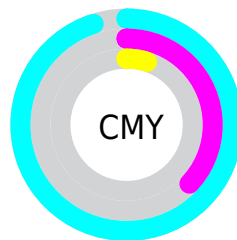
- Red (5%)
- Green (63%)
- Blue (95%)



- Red (5%)
- Yellow (40%)
- Blue (95%)



- Cyan (95%)
- Magenta (34%)
- Yellow (0%)
- Black (5%)



- Cyan (95%)
- Magenta (37%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.7970, 57.7811, -99.8000 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 125.7970, 57.7811, -99.8000 by changing the saturation by 10% instead.

■ 125.7970, 57.7811,
-99.8000

■ 125.7970, 57.7811,
-99.8000

■ 255.0000, 0.0000,
0.0000

■ 103.6410, 54.4070,
-90.8932

■ 188.4640, 32.8022,
-67.9359

■ 85.7740, 49.4114,
-75.2238

■ 215.6530, 19.3981,
-61.9627

■ 68.6080, 44.5633,
-60.1692

■ 231.6780, 11.4977,
-47.9526

■ 52.0290, 39.4257,
-45.6294

■ 240.9470, 6.9281,
-28.8945

■ 36.8520, 34.5830,
-32.3192

■ 250.5150, 2.2111,
-9.2217

■ 22.2620, 29.4508,
-19.5238

■ 10.1340, 23.5979,

-8.8875

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 125.7970, 57.7811,
-99.8000

■ 125.7970, 57.7811,
-99.8000

■ 119.8610, 60.7075,
-105.1181

■ 138.2560, 51.6388,
-89.6785

■ 150.4270, 45.6385,
-78.4275

■ 162.8860, 39.4962,
-68.3060

■ 175.3450, 33.3539,
-58.1846

■ 187.2170, 27.5010,
-47.5483

■ 199.9750, 21.2113,
-36.8121

■ 211.8470, 15.3584,
-26.1758

■ 224.3060, 9.2161,
-16.0544

■ 237.0640, 2.9264,
-5.3181

Harmonies

Analogous

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



126.1410, 49.2305, -110.6257



125.7970, 57.7811, -99.8000



154.1780, 40.3382, -11.5571

Triad

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



125.7970, 57.7811, -99.8000



153.1080, -16.8152, 73.5733



137.8610, -19.6515, -43.7281

Complementary

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



125.7970, 57.7811, -99.8000



129.2030, -57.7811, 99.8000

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.



145.4890, -38.6951, -2.1829



125.7970, 57.7811, -99.8000



151.9110, -34.9591, 59.7141

Square

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



125.7970, 57.7811, -99.8000



155.5690, 4.1565, 67.0300



149.6290, -44.1871, 32.7744



119.0270, 11.8187, -104.3867

Rectangle

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



125.7970, 57.7811, -99.8000



158.0530, 30.0469, 22.7555



149.6290, -44.1871, 32.7744



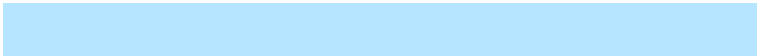
140.7120, -26.9730, -28.6884

Sweetspot

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



125.7970, 57.7811, -99.8000



217.6120, 18.4323, -32.1087



156.8310, -31.4687, -127.0168



105.1530, 11.2636, -19.4282



0.0000, 0.0000, 0.0000



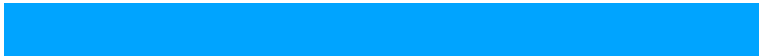
128.0000, 0.0000, 0.0000

Same Dimension

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



125.7970, 57.7811, -99.8000



125.3380, 63.9234, -109.9214



58.8790, 90.7717, -41.1129



116.0640, 2.9264, -5.3181



91.6440, 46.5175, -80.3718



29.0320, 14.7742, -25.4611

Inverse Universe

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



98.0550, 31.0319, 127.1168



94.9410, 34.0461, 140.3717



196.1210, -90.7717, 41.1129



114.5000, 1.7255, 6.5775



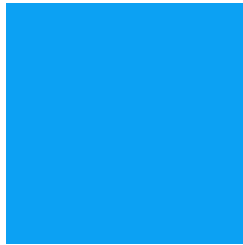
69.2940, 24.9981, 102.3512



21.9730, 7.9013, 32.4727

Previews

White Background



This preview shows how the YUV color 125.7970, 57.7811, -99.8000 looks on a white background.

Color Contrast Check

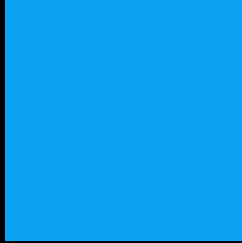
Large Text (above 18pt) WCAG AA × Fail

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 125.7970, 57.7811, -99.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

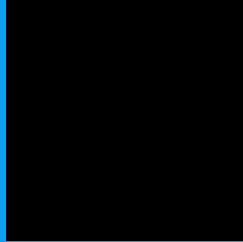
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

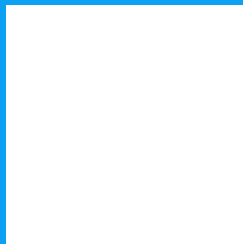
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 125.7970, 57.7811, -99.8000

Background



This preview shows how black text looks on a background with the YUV color 125.7970, 57.7811, -99.8000.

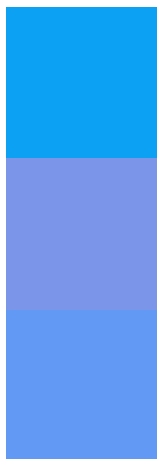


This preview shows how white text looks on a background with the YUV color 125.7970, 57.7811, -99.8000.

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

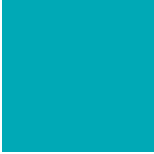
125.7970, 57.7811, -99.8000

Protanopia

151.3890, 40.2342, -24.8972

Deuteranopia

147.0430, 48.2928, -43.0107



Tritanopia

119.9510, 30.5902, -105.1970

Trichromacy



Original Color

125.7970, 57.7811, -99.8000

Protanomaly

142.2330, 46.7201, -51.9473

Deuteranomaly

139.4210, 51.5574, -63.5132

Tritanomaly

121.8940, 40.4783, -103.3930

Monochromacy



Original Color

125.7970, 57.7811, -99.8000

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.2740, 21.0639, -36.1973

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.7970, 57.7811, -99.8000 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(12, 161, 243)` looks like.

```
.text, #text, p{  
    color:rgb(12, 161, 243)  
}
```

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(12, 161, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 161, 243) }
```

Border

The CSS property to change the border of an element to YUV 125.7970, 57.7811, -99.8000 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(12, 161, 243) }
```


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

```
.border{ border-color:rgb(12, 161, 243) }
```

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

Here you see how a box with a 4 pixel rgb(12, 161, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 161, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 161, 243);  
box-shadow:4px 4px 4px 4px rgb(12, 161,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 125.7970, 57.7811, -99.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 161, 243) }
```

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

```
.background{ background-color: rgb(12, 161,  
243) }
```

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