

Converting Colors

YUV(136.7750, 57.7919,
-103.2887)

Have a look what the booklet for
YUV(136.7750, 57.7919, -103.2887)
contains.

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Color

**YUV(136.7750, 57.7919,
-103.2887)**

Conversions

Conversions Part 1

Format	Color
Hex	13AEFE
RGB	19, 174, 254
RGB Percent	7%, 68%, 100%
CMY	0.9255, 0.3176, 0.0039
CMYK	0.93, 0.31, 0.00, 0.00
HSL	200°, 99%, 54%
HSV	200°, 93%, 100%
XYZ	33.2940, 37.5663, 99.2622
YIQ	136.7750, -118.0600, -7.9800

Conversions

Conversions Part 2

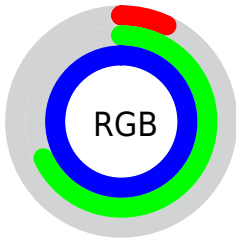
Format	Color
R _Y B	19, 112, 254
Decimal	1289982
CIE Lab	67.70, -8.31, -49.62
CIE LCh	68, 50.308, 260.489
Yxy	37.5663, 0.1957, 0.2208
Android (android.graphics.Color)	4279480062 (0xFF13AEFE)
YUV	136.7750, 57.7919, -103.2887
Hunter-Lab	61.2914, -10.2971, -53.1170

Details

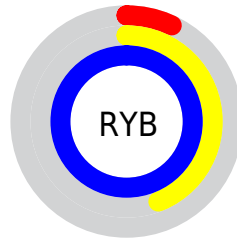
The YUV color **136.7750, 57.7919, -103.2887** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **136.2250, -57.7919, 103.2887**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.1770, 28.0137, -72.0692**, and **94.0720, 50.7435, -82.5011** is the 20% darker color. If you saturate the color by 10%, you get **127.5720, 62.3290, -111.8806**, and if you desaturate by 10%, it is **149.5330, 51.5022, -92.5524**.

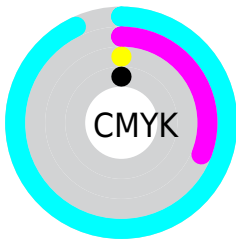
Distribution



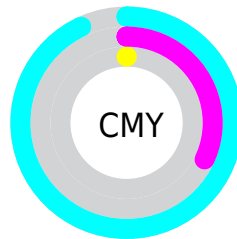
- Red (7%)
- Green (68%)
- Blue (100%)



- Red (7%)
- Yellow (44%)
- Blue (100%)



- Cyan (93%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (93%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.7750, 57.7919, -103.2887 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 136.7750, 57.7919, -103.2887 by changing the saturation by 10% instead.

■ 136.7750, 57.7919,
-103.2887

■ 136.7750, 57.7919,
-103.2887

255.0000, 0.0000,
0.0000

■ 112.5260, 55.4497,
-98.6853

■ 198.1770, 28.0137,
-72.0692

■ 94.0720, 50.7435,
-82.5011

■ 223.3060, 15.6251,
-65.1664

■ 76.2050, 45.7479,
-66.8318

■ 233.1730, 10.7607,
-44.8787

■ 59.6260, 40.6104,
-52.2920

■ 242.7410, 6.0437,
-25.2059

■ 43.7480, 35.6202,
-38.3670

■ 252.0100, 1.4741,
-6.1478

■ 29.1580, 30.4881,
-25.5716

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 136.7750, 57.7919,
-103.2887

■ 136.7750, 57.7919,
-103.2887

■ 127.5720, 62.3290,
-111.8806

■ 149.5330, 51.5022,
-92.5524

■ 162.0030, 45.3545,
-80.6866

■ 174.7610, 39.0648,
-69.9504

■ 187.8180, 32.6277,
-58.5994

■ 199.9890, 26.6274,
-47.3484

■ 212.7470, 20.3377,
-36.6121

■ 225.8040, 13.9006,
-25.2611

■ 237.9750, 7.9003,
-14.0101

■ 251.0320, 1.4632,
-2.6591

Harmonies

Analogous

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



134.6840, 48.9628, -118.1179



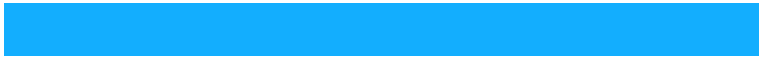
136.7750, 57.7919, -103.2887



165.1880, 41.8123, -17.7049

Triad

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



136.7750, 57.7919, -103.2887



165.3900, -14.4893, 74.2030



151.0960, -22.7253, -37.7952

Complementary

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



136.7750, 57.7919, -103.2887



136.2250, -57.7919, 103.2887

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.



157.7670, -40.3111, 2.8353



136.7750, 57.7919, -103.2887



164.2750, -33.6596, 62.9028

Square

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



136.7750, 57.7919, -103.2887



168.1280, 6.3459, 64.7857



161.4770, -43.6192, 37.2927



126.6410, 10.5300, -111.0642

Rectangle

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



136.7750, 57.7919, -103.2887



169.4760, 31.8103, 17.1225



161.4770, -43.6192, 37.2927



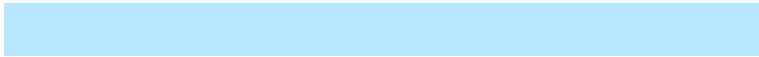
153.6480, -29.8995, -23.3703

Sweetspot

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



136.7750, 57.7919, -103.2887



219.6830, 17.4113, -31.2940



165.8370, -33.9366, -128.7760



106.0390, 10.8268, -19.3282



0.0000, 0.0000, 0.0000



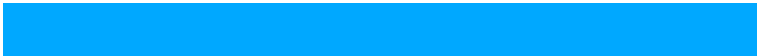
128.0000, 0.0000, 0.0000

Same Dimension

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



136.7750, 57.7919, -103.2887



127.6860, 62.7658, -111.9806



68.6830, 91.3613, -43.5720



121.1780, 3.3632, -5.4181



95.7360, 46.9652, -83.9605



31.9500, 15.8006, -28.0202

Inverse Universe

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



106.9350, 33.0630, 128.9760



95.3970, 35.7933, 139.9718



204.3170, -91.3613, 43.5720



119.7990, 1.5781, 7.1923



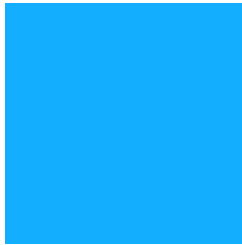
71.4730, 26.8818, 104.8252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 136.7750, 57.7919, -103.2887 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 136.7750, 57.7919, -103.2887 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

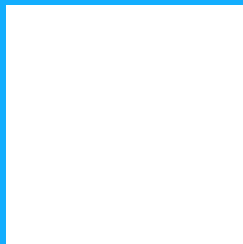
Any Text WCAG AAA ✓ Pass

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

YUV 136.7750, 57.7919, -103.2887 Background



This preview shows how black text looks on a background with the YUV color 136.7750, 57.7919, -103.2887.



This preview shows how white text looks on a background with the YUV color 136.7750, 57.7919, -103.2887.

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

136.7750, 57.7919, -103.2887

Protanopia

162.8730, 39.5026, -23.5676

Deuteranopia

159.7230, 46.9716, -39.2221



Tritanopia

129.0640, 32.5064, -113.1891

Trichromacy



Original Color

136.7750, 57.7919, -103.2887

Protanomaly

153.4070, 46.1413, -52.9769

Deuteranomaly

151.6060, 50.9732, -62.7985

Tritanomaly

131.7900, 41.5155, -109.4408

Monochromacy



Original Color

136.7750, 57.7919, -103.2887

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.6760, 21.3587, -37.4269

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7750, 57.7919, -103.2887 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(19, 174, 254)` looks like.

```
.text, #text, p{  
    color:rgb(19, 174, 254)  
}
```

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(19, 174, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 174, 254) }
```

Border

The CSS property to change the border of an element to YUV 136.7750, 57.7919, -103.2887 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

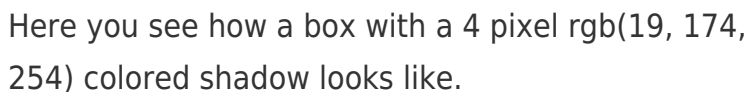
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(19, 174, 254) }
```


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

```
.border{ border-color:rgb(19, 174, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(19, 174, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 174, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 174, 254);  
box-shadow:4px 4px 4px 4px rgb(19, 174,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 136.7750, 57.7919, -103.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 174, 254) }
```

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

```
.background{ background-color: rgb(19, 174,  
254) }
```

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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