

Converting Colors

YUV(137.5380, 57.4158,
-75.8938)

Have a look what the booklet for
YUV(137.5380, 57.4158, -75.8938)
contains.

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Color

**YUV(137.5380, 57.4158,
-75.8938)**

Conversions

Conversions Part 1

Format	Color
Hex	339FFE
RGB	51, 159, 254
RGB Percent	20%, 62%, 100%
CMY	0.8000, 0.3765, 0.0039
CMYK	0.80, 0.37, 0.00, 0.00
HSL	208°, 99%, 60%
HSV	208°, 80%, 100%
XYZ	31.6528, 32.6558, 98.4009
YIQ	137.5380, -94.8630, 6.6490

Conversions

Conversions Part 2

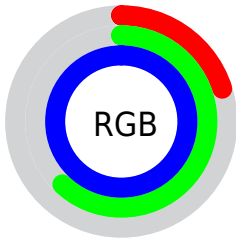
Format	Color
R _Y B	51, 121, 254
Decimal	3383294
CIE Lab	63.88, 2.26, -55.64
CIE LCh	64, 55.684, 272.323
Yxy	32.6558, 0.1945, 0.2007
Android (android.graphics.Color)	4281573374 (0xFF339FFE)
YUV	137.5380, 57.4158, -75.8938
Hunter-Lab	57.1453, -1.1331, -62.0922

Details

The YUV color **137.5380, 57.4158, -75.8938** 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 **167.4620, -57.4158, 75.8938**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0740, 31.0225, -57.0699**, and **85.8540, 54.7950, -75.2940** is the 20% darker color. If you saturate the color by 10%, you get **123.0190, 64.5736, -85.0857**, and if you desaturate by 10%, it is **152.0570, 50.2579, -66.7020**.

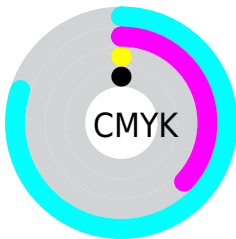
Distribution



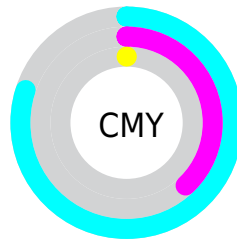
- Red (20%)
- Green (62%)
- Blue (100%)



- Red (20%)
- Yellow (47%)
- Blue (100%)



- Cyan (80%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.5380, 57.4158, -75.8938 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 137.5380, 57.4158, -75.8938 by changing the saturation by 10% instead.

■ 137.5380, 57.4158,
-75.8938

■ 137.5380, 57.4158,
-75.8938

255.0000, 0.0000,
0.0000

■ 103.7210, 59.7905,
-90.9633

■ 192.0740, 31.0225,
-57.0699

■ 85.8540, 54.7950,
-75.2940

■ 218.3770, 18.0551,
-51.1966

■ 68.5740, 49.5100,
-60.1394

■ 235.8640, 9.4340,
-39.3457

■ 52.5820, 44.0831,
-46.1144

■ 245.4320, 4.7170,
-19.6729

■ 37.2910, 38.8035,
-32.7042

254.7010, 0.1474,
-0.6148

■ 22.7010, 33.6714,
-19.9088

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 137.5380, 57.4158,
-75.8938

■ 137.5380, 57.4158,
-75.8938

■ 123.0190, 64.5736,
-85.0857

■ 152.0570, 50.2579,
-66.7020

■ 108.2010, 71.8789,
-94.8923

■ 166.8750, 42.9526,
-56.8954

■ 181.3940, 35.7948,
-47.7035

■ 196.2120, 28.4895,
-37.8969

■ 210.1440, 21.6210,
-28.1903

■ 224.6630, 14.4631,
-18.9985

■ 239.4810, 7.1579,
-9.1918

■ 254.0000, 0.0000,
0.0000

■ 254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



128.5520, 55.9299, -112.7401



137.5380, 57.4158, -75.8938



157.8640, 40.0000, 3.6273

Triad

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



137.5380, 57.4158, -75.8938



152.8930, -24.1042, 78.1468



130.7700, -11.7186, -68.2043

Complementary

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



137.5380, 57.4158, -75.8938



167.4620, -57.4158, 75.8938

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.



143.8250, -38.3677, -13.8785



137.5380, 57.4158, -75.8938



151.9510, -42.3738, 57.9250

Square

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



137.5380, 57.4158, -75.8938



154.9680, -0.9702, 78.0811



148.5050, -49.5490, 25.8671



122.9710, 16.7763, -107.8456

Rectangle

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



137.5380, 57.4158, -75.8938



159.2830, 27.9615, 38.3398



148.5050, -49.5490, 25.8671



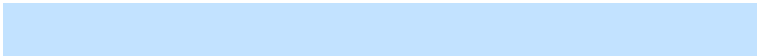
137.0410, -22.6982, -46.5170

Sweetspot

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



137.5380, 57.4158, -75.8938



219.7380, 17.3842, -22.5722



180.9910, -17.2506, -114.0021



106.3710, 10.6631, -13.4804



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.



137.5380, 57.4158, -75.8938



114.2400, 69.3947, -91.4185



78.2510, 86.6443, -23.8991



120.5910, 3.6526, -4.9033



81.6480, 53.9105, -71.6053



27.2540, 18.1158, -23.9018

Inverse Universe

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



124.0090, 17.2506, 114.0021



98.0750, 20.6690, 137.6232



226.7490, -86.6443, 23.8991



119.6850, 1.1413, 7.2923



68.7370, 16.3987, 107.2247



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 137.5380, 57.4158, -75.8938 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 137.5380, 57.4158, -75.8938 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

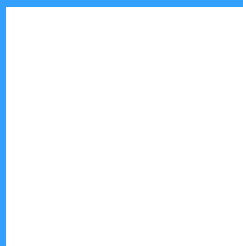
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.5380, 57.4158, -75.8938

Background



This preview shows how black text looks on a background with the YUV color 137.5380, 57.4158, -75.8938.



This preview shows how white text looks on a background with the YUV color 137.5380, 57.4158, -75.8938.

-75.8938.

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

137.5380, 57.4158, -75.8938

Protanopia

151.0770, 46.7970, -29.8855

Deuteranopia

146.0680, 53.7035, -51.8026



Tritanopia

121.3530, 30.8850, -106.4266

Trichromacy



Original Color

137.5380, 57.4158, -75.8938

Protanomaly

146.0040, 50.7770, -46.4845

Deuteranomaly

142.7680, 55.3304, -60.3095

Tritanomaly

127.5360, 40.1618, -95.1861

Monochromacy



Original Color

137.5380, 57.4158, -75.8938

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.9160, 20.7474, -27.9903

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.5380, 57.4158, -75.8938 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(51, 159, 254)` looks like.

```
.text, #text, p{  
    color:rgb(51, 159, 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(51, 159, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 159, 254) }
```

Border

The CSS property to change the border of an element to YUV 137.5380, 57.4158, -75.8938 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(51, 159, 254) }
```


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

```
.border{ border-color:rgb(51, 159, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 159, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 159, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 159, 254);  
box-shadow:4px 4px 4px 4px rgb(51, 159,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 137.5380, 57.4158, -75.8938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 159, 254) }
```

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

```
.background{ background-color: rgb(51, 159,  
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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