

Converting Colors

YUV(137.3530, 58.0000,
-76.6086)

Have a look what the booklet for
YUV(137.3530, 58.0000, -76.6086)
contains.

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Color

**YUV(137.3530, 58.0000,
-76.6086)**

Conversions

Conversions Part 1

Format	Color
Hex	329FFF
RGB	50, 159, 255
RGB Percent	20%, 62%, 100%
CMY	0.8039, 0.3765, 0.0000
CMYK	0.80, 0.38, 0.00, 0.00
HSL	208°, 100%, 60%
HSV	208°, 80%, 100%
XYZ	31.7635, 32.6944, 99.2443
YIQ	137.3530, -95.7800, 6.7480

Conversions

Conversions Part 2

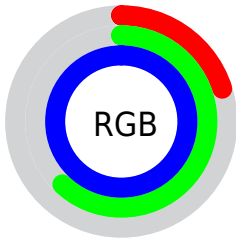
Format	Color
R _Y B	50, 121, 255
Decimal	3317759
CIE Lab	63.91, 2.53, -56.13
CIE LCh	64, 56.191, 272.576
Yxy	32.6944, 0.1940, 0.1997
Android (android.graphics.Color)	4281507839 (0xFF329FFF)
YUV	137.3530, 58.0000, -76.6086
Hunter-Lab	57.1790, -0.9047, -62.8830

Details

The YUV color **137.3530, 58.0000, -76.6086** 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 **167.6470, -58.0000, 76.6086**, 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 **85.9680, 55.2318, -75.3939** is the 20% darker color. If you saturate the color by 10%, you get **122.5350, 65.3052, -86.4152**, and if you desaturate by 10%, it is **152.1710, 50.6947, -66.8020**.

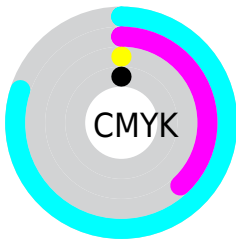
Distribution



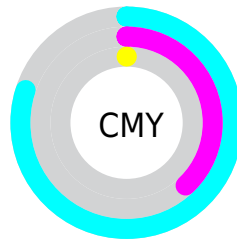
- Red (20%)
- Green (62%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3530, 58.0000, -76.6086 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 137.3530, 58.0000, -76.6086 by changing the saturation by 10% instead.

■ 137.3530, 58.0000,
-76.6086

■ 137.3530, 58.0000,
-76.6086

255.0000, 0.0000,
0.0000

■ 103.8350, 60.2273,
-91.0633

■ 192.0740, 31.0225,
-57.0699

■ 85.9680, 55.2318,
-75.3939

■ 218.0780, 18.2025,
-51.8114

■ 68.6880, 49.9468,
-60.2394

■ 235.8640, 9.4340,
-39.3457

■ 52.6960, 44.5199,
-46.2144

■ 245.4320, 4.7170,
-19.6729

■ 37.4050, 39.2403,
-32.8042

254.7010, 0.1474,
-0.6148

■ 22.8150, 34.1082,
-20.0088

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 137.3530, 58.0000,
-76.6086

■ 137.3530, 58.0000,
-76.6086

■ 122.5350, 65.3052,
-86.4152

■ 152.1710, 50.6947,
-66.8020

■ 108.9020, 72.0263,
-95.5071

■ 166.6900, 43.5368,
-57.6101

■ 181.5080, 36.2316,
-47.8035

■ 196.0270, 29.0737,
-38.6117

■ 210.8450, 21.7684,
-28.8051

■ 225.3640, 14.6105,
-19.6132

■ 240.1820, 7.3053,
-9.8066

254.7010, 0.1474,
-0.6148

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



128.6660, 56.3667, -112.8401



137.3530, 58.0000, -76.6086



157.9780, 40.4368, 3.5273

Triad

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



137.3530, 58.0000, -76.6086



153.1920, -24.2517, 78.7616



130.4600, -11.5658, -70.5634

Complementary

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



137.3530, 58.0000, -76.6086



167.6470, -58.0000, 76.6086

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.



143.4120, -38.6571, -14.3933



137.3530, 58.0000, -76.6086



151.8370, -42.8106, 58.0250

Square

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



137.3530, 58.0000, -76.6086



154.6800, -0.8282, 79.2106



148.9780, -50.2752, 25.4523



123.0850, 17.2131, -107.9455

Rectangle

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



137.3530, 58.0000, -76.6086



159.5820, 27.8141, 38.9546



148.9780, -50.2752, 25.4523



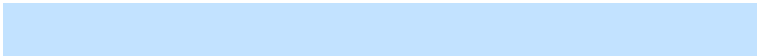
137.3290, -22.8402, -47.6465

Sweetspot

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



137.3530, 58.0000, -76.6086



219.7380, 17.3842, -22.5722



181.2790, -17.3925, -115.1317



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.



137.3530, 58.0000, -76.6086



114.2400, 69.3947, -91.4185



77.4790, 87.5179, -24.0991



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.



123.7210, 17.3925, 115.1317



98.0750, 20.6690, 137.6232



227.5210, -87.5179, 24.0991



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 137.3530, 58.0000, -76.6086 looks on a white background.

Color Contrast Check

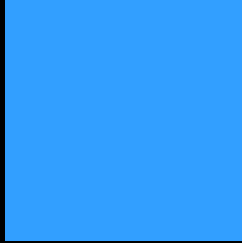
Large Text (above 18pt) WCAG AA × Fail

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 137.3530, 58.0000, -76.6086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

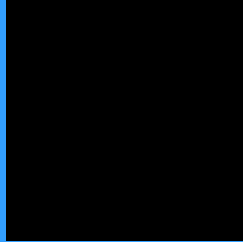
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

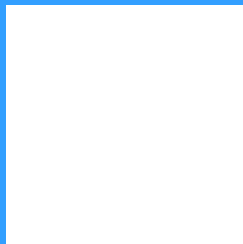
Any Text WCAG AAA ✓ Pass

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

YUV 137.3530, 58.0000, -76.6086 Background



This preview shows how black text looks on a background with the YUV color 137.3530, 58.0000, -76.6086.



This preview shows how white text looks on a background with the YUV color 137.3530, 58.0000, -76.6086.

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

137.3530, 58.0000, -76.6086

Protanopia

150.8920, 47.3812, -30.6003

Deuteranopia

146.0680, 53.7035, -51.8026



Tritanopia

121.3530, 30.8850, -106.4266

Trichromacy



Original Color

137.3530, 58.0000, -76.6086

Protanomaly

145.8190, 51.3612, -47.1993

Deuteranomaly

142.7680, 55.3304, -60.3095

Tritanomaly

127.3510, 40.7460, -95.9008

Monochromacy



Original Color

137.3530, 58.0000, -76.6086

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0300, 21.1842, -28.0903

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3530, 58.0000, -76.6086 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(50, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(50, 159, 255)  
}
```

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(50, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 159, 255) }
```

Border

The CSS property to change the border of an element to YUV 137.3530, 58.0000, -76.6086 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(50, 159, 255) }
```


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

```
.border{ border-color:rgb(50, 159, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 159, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 159, 255);  
box-shadow:4px 4px 4px 4px rgb(50, 159,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 137.3530, 58.0000, -76.6086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 159, 255) }
```

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

```
.background{ background-color: rgb(50, 159,  
255) }
```

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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