

Converting Colors

YUV(130.7420, 61.2592,
-95.3667)

Have a look what the booklet for
YUV(130.7420, 61.2592, -95.3667)
contains.

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Color

**YUV(130.7420, 61.2592,
-95.3667)**

Conversions

Conversions Part 1

Format	Color
Hex	16A2FF
RGB	22, 162, 255
RGB Percent	9%, 64%, 100%
CMY	0.9137, 0.3647, 0.0000
CMYK	0.91, 0.36, 0.00, 0.00
HSL	204°, 100%, 54%
HSV	204°, 91%, 100%
XYZ	31.3012, 33.2312, 99.3723
YIQ	130.7420, -113.2930, -0.7570

Conversions

Conversions Part 2

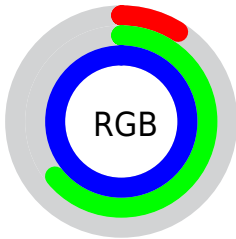
Format	Color
R _Y B	22, 109, 255
Decimal	1483519
CIE Lab	64.35, -1.04, -55.47
CIE LCh	64, 55.478, 268.924
Yxy	33.2312, 0.1910, 0.2027
Android (android.graphics.Color)	4279673599 (0xFF16A2FF)
YUV	130.7420, 61.2592, -95.3667
Hunter-Lab	57.6465, -3.9586, -61.8527

Details

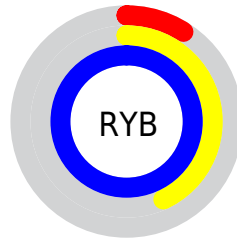
The YUV color **130.7420, 61.2592, -95.3667** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **146.2580, -61.2592, 95.3667**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.5460, 31.7758, -65.3768**, and **87.7290, 54.3636, -76.9383** is the 20% darker color. If you saturate the color by 10%, you get **118.8810, 67.1067, -104.2586**, and if you desaturate by 10%, it is **144.3860, 54.5327, -84.5305**.

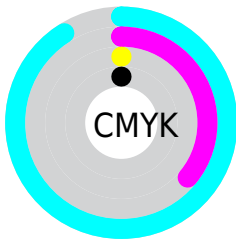
Distribution



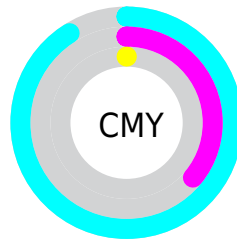
- Red (9%)
- Green (64%)
- Blue (100%)



- Red (9%)
- Yellow (43%)
- Blue (100%)



- Cyan (91%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.7420, 61.2592, -95.3667 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 130.7420, 61.2592, -95.3667 by changing the saturation by 10% instead.

■ 130.7420, 61.2592,
-95.3667

■ 130.7420, 61.2592,
-95.3667

■ 255.0000, 0.0000,
0.0000

■ 105.5960, 59.3592,
-92.6077

■ 190.5460, 31.7758,
-65.3768

■ 87.7290, 54.3636,
-76.9383

■ 217.7350, 18.3716,
-59.4036

■ 70.4490, 49.0786,
-61.7838

■ 233.1730, 10.7607,
-44.8787

■ 53.8700, 43.9411,
-47.2440

■ 242.7410, 6.0437,
-25.2059

■ 38.5790, 38.6616,
-33.8338

■ 252.3090, 1.3267,
-5.5330

■ 24.5760, 33.2400,
-21.5532

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 130.7420, 61.2592,
-95.3667

■ 130.7420, 61.2592,
-95.3667

■ 118.8810, 67.1067,
-104.2586

■ 144.3860, 54.5327,
-84.5305

■ 157.7310, 47.9536,
-74.3091

■ 171.6630, 41.0851,
-64.6025

■ 185.3070, 34.3586,
-53.7662

■ 198.6520, 27.7796,
-43.5448

■ 212.2960, 21.0531,
-32.7086

■ 225.9400, 14.3266,
-21.8724

■ 239.2850, 7.7475,
-11.6509

■ 253.2170, 0.8790,
-1.9443

Harmonies

Analogous

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



129.4980, 54.4775, -113.5697



130.7420, 61.2592, -95.3667



158.2760, 41.7689, -3.7501

Triad

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



130.7420, 61.2592, -95.3667



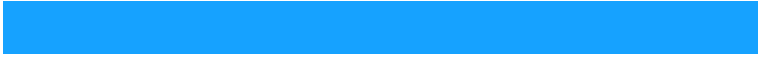
154.5880, -21.4889, 79.2913



135.0870, -15.8189, -59.7123

Complementary

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



130.7420, 61.2592, -95.3667



146.2580, -61.2592, 95.3667

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.



145.6900, -40.2732, -9.3751



130.7420, 61.2592, -95.3667



153.4290, -40.6375, 61.0138

Square

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



130.7420, 61.2592, -95.3667



156.9400, 1.5086, 76.3516



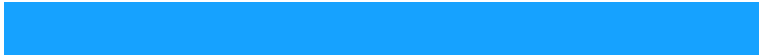
150.8260, -49.7072, 29.9706



123.1020, 14.7397, -107.9605

Rectangle

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



130.7420, 61.2592, -95.3667



160.8200, 30.1617, 32.6069



150.8260, -49.7072, 29.9706



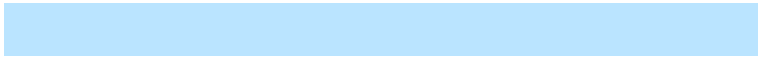
140.2760, -25.7721, -40.5841

Sweetspot

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



130.7420, 61.2592, -95.3667



218.5200, 17.9846, -28.5200



168.9170, -28.5531, -128.8462



105.7620, 10.9633, -16.4543



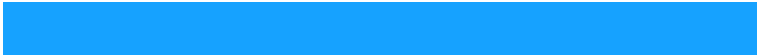
0.0000, 0.0000, 0.0000



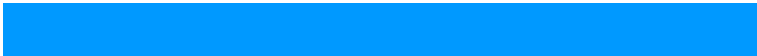
128.0000, 0.0000, 0.0000

Same Dimension

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



130.7420, 61.2592, -95.3667



118.8810, 67.1067, -104.2586



64.4110, 93.9604, -37.1944



120.5910, 3.6526, -4.9033



89.2790, 50.1485, -78.2977



29.6020, 16.9582, -25.9610

Inverse Universe

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



107.6270, 26.8059, 129.2461



93.6870, 29.2413, 141.4715



212.5890, -93.9604, 37.1944



119.6850, 1.1413, 7.2923



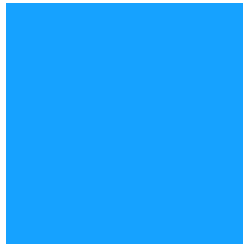
70.2190, 22.0770, 105.9249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 130.7420, 61.2592, -95.3667 looks on a white background.

Color Contrast Check

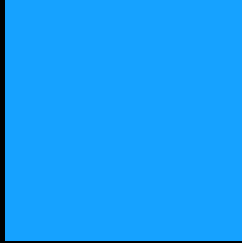
Large Text (above 18pt) WCAG AA × Fail

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 130.7420, 61.2592, -95.3667 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

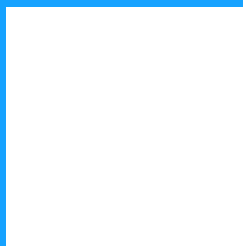
Any Text WCAG AAA ✓ Pass

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

YUV 130.7420, 61.2592, -95.3667 Background



This preview shows how black text looks on a background with the YUV color 130.7420, 61.2592, -95.3667.



This preview shows how white text looks on a background with the YUV color 130.7420, 61.2592, -95.3667.

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

130.7420, 61.2592, -95.3667

Protanopia

152.8490, 45.9234, -29.6856

Deuteranopia

147.5520, 52.9719, -50.4731



Tritanopia

122.0540, 31.0324, -107.0414

Trichromacy



Original Color

130.7420, 61.2592, -95.3667

Protanomaly

145.0740, 51.2355, -53.5619

Deuteranomaly

141.2510, 56.0783, -66.8721

Tritanomaly

124.9480, 41.9306, -102.5634

Monochromacy



Original Color

130.7420, 61.2592, -95.3667

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.6270, 22.3689, -34.7529

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.7420, 61.2592, -95.3667 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(22, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(22, 162, 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(22, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 162, 255) }
```

Border

The CSS property to change the border of an element to YUV 130.7420, 61.2592, -95.3667 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(22, 162, 255) }
```


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

```
.border{ border-color:rgb(22, 162, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 162, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(22, 162,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 130.7420, 61.2592, -95.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 162, 255) }
```

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

```
.background{ background-color: rgb(22, 162,  
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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