

Converting Colors

YUV(123.9530, 64.6062,
-95.5518)

Have a look what the booklet for
YUV(123.9530, 64.6062, -95.5518)
contains.

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Color

**YUV(123.9530, 64.6062,
-95.5518)**

Conversions

Conversions Part 1

Format	Color
Hex	0F9AFF
RGB	15, 154, 255
RGB Percent	6%, 60%, 100%
CMY	0.9412, 0.3961, 0.0000
CMYK	0.94, 0.40, 0.00, 0.00
HSL	205°, 100%, 53%
HSV	205°, 94%, 100%
XYZ	29.8026, 30.4328, 98.9111
YIQ	123.9530, -115.2650, 1.9430

Conversions

Conversions Part 2

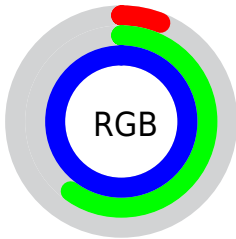
Format	Color
R _Y B	15, 103, 255
Decimal	1022719
CIE Lab	62.03, 3.37, -59.17
CIE LCh	62, 59.266, 273.256
Yxy	30.4328, 0.1873, 0.1912
Android (android.graphics.Color)	4279212799 (0xFF0F9AFF)
YUV	123.9530, 64.6062, -95.5518
Hunter-Lab	55.1659, -0.1082, -67.6894

Details

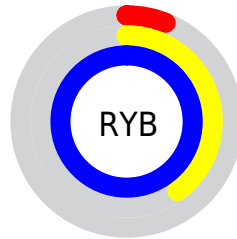
The YUV color **123.9530, 64.6062, -95.5518** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **146.0470, -64.6062, 95.5518**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.2520, 34.3858, -62.4880**, and **83.6200, 56.3893, -73.3347** is the 20% darker color. If you saturate the color by 10%, you get **115.9460, 68.5536, -101.6846**, and if you desaturate by 10%, it is **138.1840, 57.5903, -85.2304**.

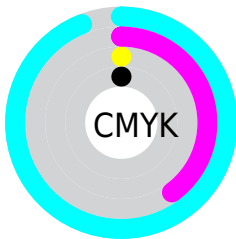
Distribution



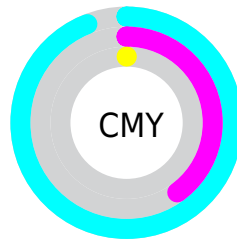
- Red (6%)
- Green (60%)
- Blue (100%)



- Red (6%)
- Yellow (40%)
- Blue (100%)



- Cyan (94%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9530, 64.6062, -95.5518 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 123.9530, 64.6062, -95.5518 by changing the saturation by 10% instead.

■ 123.9530, 64.6062,
-95.5518

■ 123.9530, 64.6062,
-95.5518

■ 255.0000, 0.0000,
0.0000

■ 100.9000, 61.6743,
-88.4893

■ 185.2520, 34.3858,
-62.4880

■ 83.6200, 56.3893,
-73.3347

■ 211.8540, 21.2710,
-56.0000

■ 66.3400, 51.1044,
-58.1802

■ 232.8740, 10.9081,
-45.4935

■ 50.3480, 45.6774,
-44.1552

■ 242.4420, 6.1911,
-25.8206

■ 35.6440, 40.1085,
-31.2598

■ 251.7110, 1.6215,
-6.7625

■ 20.3530, 34.8290,
-17.8496

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 123.9530, 64.6062,
-95.5518

■ 123.9530, 64.6062,
-95.5518

■ 115.9460, 68.5536,
-101.6846

■ 138.1840, 57.5903,
-85.2304

■ 151.5290, 51.0112,
-75.0089

■ 165.7600, 43.9953,
-64.6875

■ 179.6920, 37.1268,
-54.9809

■ 193.9230, 30.1110,
-44.6595

■ 207.2680, 23.5319,
-34.4380

■ 221.4990, 16.5160,
-24.1166

■ 235.4310, 9.6475,
-14.4100

■ 249.6620, 2.6316,
-4.0886

Harmonies

Analogous

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



126.3180, 57.5242, -110.7809



123.9530, 64.6062, -95.5518



153.3310, 41.7418, 4.9717

Triad

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



123.9530, 64.6062, -95.5518



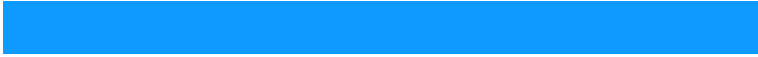
146.8720, -25.5729, 82.5503



118.9420, -9.3384, -85.0181

Complementary

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



123.9530, 64.6062, -95.5518



146.0470, -64.6062, 95.5518

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.



137.2330, -40.5409, -16.8673



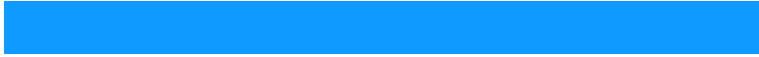
123.9530, 64.6062, -95.5518



146.4520, -45.5788, 59.2396

Square

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



123.9530, 64.6062, -95.5518



148.3000, -1.1339, 83.9289



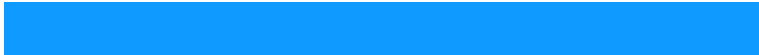
142.6530, -54.0589, 25.7373



120.2810, 16.6235, -105.4864

Rectangle

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



123.9530, 64.6062, -95.5518



153.9460, 29.1136, 42.1434



142.6530, -54.0589, 25.7373



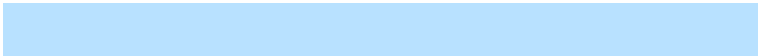
129.4100, -22.3871, -52.9796

Sweetspot

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



123.9530, 64.6062, -95.5518



216.1610, 19.1476, -28.2052



167.2800, -25.7740, -133.5496



103.6910, 11.9843, -17.2690



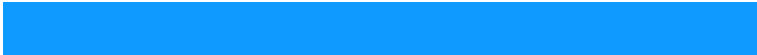
0.0000, 0.0000, 0.0000



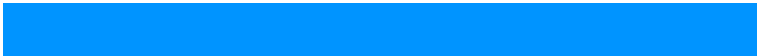
128.0000, 0.0000, 0.0000

Same Dimension

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



123.9530, 64.6062, -95.5518



115.9460, 68.5536, -101.6846



54.1000, 99.0437, -34.2907



120.5910, 3.6526, -4.9033



86.9310, 51.3060, -76.2385



29.0150, 17.2476, -25.4462

Inverse Universe

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



102.6060, 25.3372, 133.6495



93.1170, 27.0573, 141.9714



215.9000, -99.0437, 34.2907



119.6850, 1.1413, 7.2923



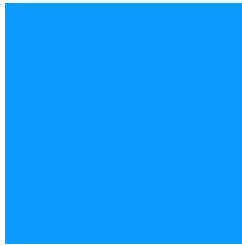
69.7630, 20.3298, 106.3248



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 123.9530, 64.6062, -95.5518 looks on a white background.

Color Contrast Check

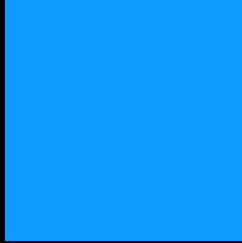
Large Text (above 18pt) WCAG AA × Fail

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 123.9530, 64.6062, -95.5518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

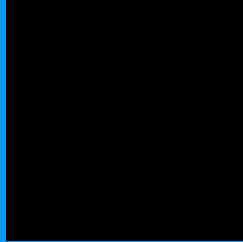
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

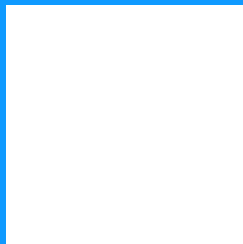
Any Text WCAG AAA ✓ Pass

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

YUV 123.9530, 64.6062, -95.5518 Background



This preview shows how black text looks on a background with the YUV color 123.9530, 64.6062, -95.5518.



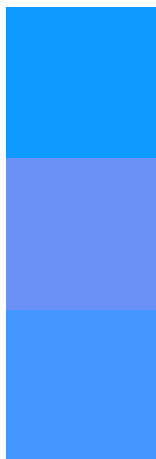
This preview shows how white text looks on a background with the YUV color 123.9530, 64.6062, -95.5518.

-95.5518.

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

123.9530, 64.6062, -95.5518

Protanopia

145.2660, 50.1549, -33.5593

Deuteranopia

137.4520, 57.9512, -60.9094



Tritanopia

117.0330, 29.5637, -102.6379

Trichromacy



Original Color

123.9530, 64.6062, -95.5518

Protanomaly

137.5020, 55.4615, -55.6913

Deuteranomaly

132.3580, 60.4625, -73.1050

Tritanomaly

119.3720, 42.2146, -100.3042

Monochromacy



Original Color

123.9530, 64.6062, -95.5518

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9690, 23.6793, -35.0528

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9530, 64.6062, -95.5518 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(15, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(15, 154, 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(15, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 154, 255) }
```

Border

The CSS property to change the border of an element to YUV 123.9530, 64.6062, -95.5518 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(15, 154, 255) }
```


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

```
.border{ border-color:rgb(15, 154, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(15, 154,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 123.9530, 64.6062, -95.5518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 154, 255) }
```

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

```
.background{ background-color: rgb(15, 154,  
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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