

Converting Colors

YUV(123.9050, 60.6858,
-98.1407)

Have a look what the booklet for
YUV(123.9050, 60.6858, -98.1407)
contains.

YUV(123.9050, 60.6858, -98.1407)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(123.9050, 60.6858,
-98.1407)**

Conversions

Conversions Part 1

Format	Color
Hex	0C9DF7
RGB	12, 157, 247
RGB Percent	5%, 62%, 97%
CMY	0.9529, 0.3843, 0.0314
CMYK	0.95, 0.36, 0.00, 0.03
HSL	203°, 94%, 51%
HSV	203°, 95%, 97%
XYZ	28.9971, 30.9075, 92.4331
YIQ	123.9050, -115.3100, -2.7500

Conversions

Conversions Part 2

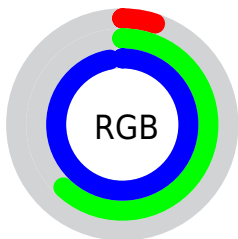
Format	Color
RYB	12, 102, 247
Decimal	826871
CIELab	62.43, -1.46, -54.15
CIELCh	62, 54.170, 268.453
Yxy	30.9075, 0.1903, 0.2029
Android (android.graphics.Color)	4279016951 (0xFF0C9DF7)
YUV	123.9050, 60.6858, -98.1407
Hunter-Lab	55.5945, -4.1880, -59.6612

Details

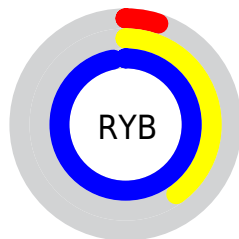
The YUV color **123.9050, 60.6858, -98.1407** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **135.0950, -60.6858, 98.1407**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4150, 33.8124, -65.2620**, and **83.8820, 52.3162, -73.5645** is the 20% darker color. If you saturate the color by 10%, you get **117.3820, 63.9017, -102.9440**, and if you desaturate by 10%, it is **136.6630, 54.3961, -87.4045**.

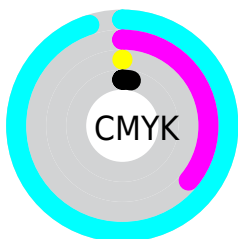
Distribution



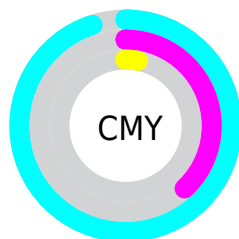
- Red (5%)
- Green (62%)
- Blue (97%)



- Red (5%)
- Yellow (40%)
- Blue (97%)



- Cyan (95%)
- Magenta (36%)
- Yellow (0%)
- Black (3%)



- Cyan (95%)
- Magenta (38%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9050, 60.6858, -98.1407 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 123.9050, 60.6858, -98.1407 by changing the saturation by 10% instead.

■ 123.9050, 60.6858,
-98.1407

■ 123.9050, 60.6858,
-98.1407

■ 255.0000, 0.0000,
0.0000

■ 101.7490, 57.3117,
-89.2339

■ 186.4150, 33.8124,
-65.2620

■ 83.8820, 52.3162,
-73.5645

■ 213.0170, 20.6976,
-58.7739

■ 67.3030, 47.1786,
-59.0247

■ 231.9770, 11.3503,
-47.3378

■ 50.7240, 42.0411,
-44.4849

■ 241.2460, 6.7807,
-28.2797

■ 35.4330, 36.7615,
-31.0747

■ 250.8140, 2.0637,
-8.6069

■ 20.8430, 31.6294,
-18.2793

■ 10.4760, 24.9083,

-9.1875

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 123.9050, 60.6858,
-98.1407

■ 123.9050, 60.6858,
-98.1407

■ 117.3820, 63.9017,
-102.9440

■ 136.6630, 54.3961,
-87.4045

■ 149.7090, 47.9645,
-77.7978

■ 162.4670, 41.6748,
-67.0616

■ 175.8120, 35.0957,
-56.8401

■ 188.2710, 28.9534,
-46.7187

■ 201.6160, 22.3743,
-36.4972

■ 214.3740, 16.0846,
-25.7610

■ 227.7190, 9.5055,
-15.5396

■ 240.1780, 3.3632,
-5.4181

Harmonies

Analogous

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



125.6510, 52.4301, -110.1959



123.9050, 60.6858, -98.1407



152.7490, 41.0427, -4.1649

Triad

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



123.9050, 60.6858, -98.1407



149.5060, -20.4625, 76.7322



130.6960, -16.1191, -56.7384

Complementary

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



123.9050, 60.6858, -98.1407



135.0950, -60.6858, 98.1407

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.



141.5160, -39.6944, -8.3455



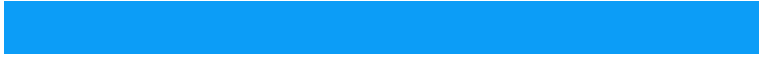
123.9050, 60.6858, -98.1407



148.1730, -39.0323, 59.4843

Square

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



123.9050, 60.6858, -98.1407



151.6300, 1.6614, 73.9925



145.9830, -47.8126, 28.9559



118.8960, 13.8553, -104.2718

Rectangle

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



123.9050, 60.6858, -98.1407



155.5810, 29.2936, 31.0625



145.9830, -47.8126, 28.9559



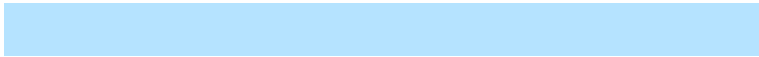
135.7000, -25.4881, -38.3249

Sweetspot

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



123.9050, 60.6858, -98.1407



216.4380, 19.0111, -31.0791



159.7490, -30.4423, -129.5759



103.9790, 11.8424, -18.3986



0.0000, 0.0000, 0.0000



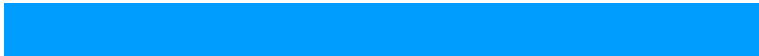
128.0000, 0.0000, 0.0000

Same Dimension

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



123.9050, 60.6858, -98.1407



121.2290, 65.9491, -106.3178



56.9870, 93.6764, -39.4536



116.0640, 2.9264, -5.3181



88.7090, 47.9645, -77.7978



27.8580, 15.3530, -24.4315

Inverse Universe

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



98.7950, 28.6951, 129.9758



94.1430, 30.9885, 141.0716



202.0130, -93.6764, 39.4536



114.5000, 1.7255, 6.5775



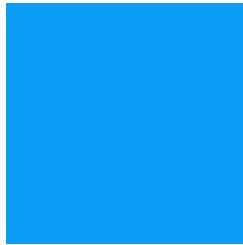
68.7240, 22.8141, 102.8511



21.7450, 7.0277, 32.6726

Previews

White Background



This preview shows how the YUV color 123.9050, 60.6858, -98.1407 looks on a white background.

Color Contrast Check

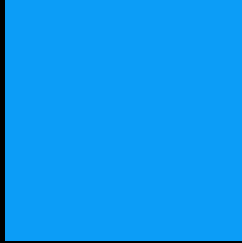
Large Text (above 18pt) WCAG AA × Fail

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 123.9050, 60.6858, -98.1407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

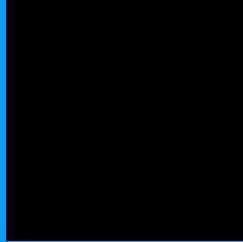
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

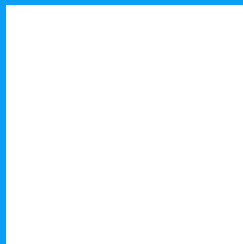
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.9050, 60.6858, -98.1407

Background



This preview shows how black text looks on a background with the YUV color 123.9050, 60.6858, -98.1407.



This preview shows how white text looks on a background with the YUV color 123.9050, 60.6858, -98.1407.

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

123.9050, 60.6858, -98.1407

Protanopia

147.8060, 44.4656, -28.7709

Deuteranopia

142.4380, 52.5351, -50.3731



Tritanopia

118.4350, 29.8585, -103.8675

Trichromacy



Original Color

123.9050, 60.6858, -98.1407

Protanomaly

139.4330, 50.0725, -53.8767

Deuteranomaly

135.4250, 55.4995, -67.9017

Tritanomaly

120.1330, 41.3464, -101.8486

Monochromacy



Original Color

123.9050, 60.6858, -98.1407

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9150, 22.2269, -35.8825

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9050, 60.6858, -98.1407 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(12, 157, 247)` looks like.

```
.text, #text, p{  
    color:rgb(12, 157, 247)  
}
```

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(12, 157, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 157, 247) }
```

Border

The CSS property to change the border of an element to YUV 123.9050, 60.6858, -98.1407 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(12, 157, 247) }
```


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

```
.border{ border-color:rgb(12, 157, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 157, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 157, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 157, 247);  
box-shadow:4px 4px 4px 4px rgb(12, 157,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 123.9050, 60.6858, -98.1407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 157, 247) }
```

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

```
.background{ background-color: rgb(12, 157,  
247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor