

Converting Colors

YUV(122.0780, 61.5865,
-107.0624)

Have a look what the booklet for
YUV(122.0780, 61.5865, -107.0624)
contains.

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Color

**YUV(122.0780, 61.5865,
-107.0624)**

Conversions

Conversions Part 1

Format	Color
Hex	00A0F7
RGB	0, 160, 247
RGB Percent	0%, 63%, 97%
CMY	1.0000, 0.3725, 0.0314
CMYK	1.00, 0.35, 0.00, 0.03
HSL	201°, 100%, 48%
HSV	201°, 100%, 97%
XYZ	29.3593, 31.8570, 92.5973
YIQ	122.0780, -123.2870, -6.8630

Conversions

Conversions Part 2

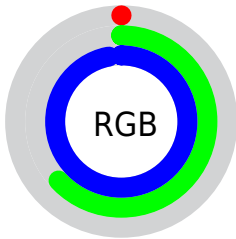
Format	Color
RYB	0, 97, 247
Decimal	41207
CIELab	63.22, -3.49, -52.89
CIELCh	63, 53.007, 266.221
Yxy	31.8570, 0.1909, 0.2071
Android (android.graphics.Color)	4278231287 (0xFF00A0F7)
YUV	122.0780, 61.5865, -107.0624
Hunter-Lab	56.4420, -5.9236, -57.7602

Details

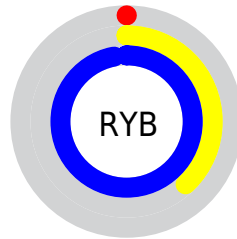
The YUV color **122.0780, 61.5865, -107.0624** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **124.9220, -61.5865, 107.0624**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5780, 33.2390, -68.0359**, and **85.6430, 51.4480, -75.1089** is the 20% darker color. If you saturate the color by 10%, you get **122.0780, 61.5865, -107.0624**, and if you desaturate by 10%, it is **134.8360, 55.2969, -96.3262**.

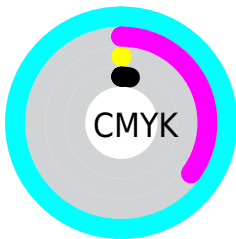
Distribution



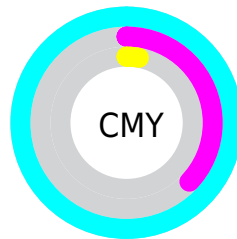
- Red (0%)
- Green (63%)
- Blue (97%)



- Red (0%)
- Yellow (38%)
- Blue (97%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (37%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.0780, 61.5865, -107.0624 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 122.0780, 61.5865, -107.0624 by changing the saturation by 10% instead.

■ 122.0780, 61.5865,
-107.0624

■ 122.0780, 61.5865,
-107.0624

■ 255.0000, 0.0000,
0.0000

■ 103.5100, 56.4436,
-90.7783

■ 187.5780, 33.2390,
-68.0359

■ 85.6430, 51.4480,
-75.1089

■ 214.7670, 19.8349,
-62.0627

■ 68.4770, 46.5998,
-60.0543

■ 231.3790, 11.6452,
-48.5674

■ 52.4850, 41.1729,
-46.0293

■ 240.9470, 6.9281,
-28.8945

■ 37.1940, 35.8934,
-32.6191

■ 250.5150, 2.2111,
-9.2217

■ 22.6040, 30.7612,
-19.8237

■ 10.4760, 24.9083,

-9.1875

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 122.0780, 61.5865,
-107.0624

■ 134.8360, 55.2969,
-96.3262

■ 146.7080, 49.4440,
-85.6899

■ 159.4660, 43.1543,
-74.9537

■ 172.2240, 36.8646,
-64.2174

■ 184.3950, 30.8643,
-52.9664

■ 196.8540, 24.7220,
-42.8450

■ 209.6120, 18.4323,
-32.1087

■ 222.3700, 12.1426,
-21.3725

■ 234.2420, 6.2897,
-10.7362

Harmonies

Analogous

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



126.7110, 51.4145, -111.1255



122.0780, 61.5865, -107.0624



154.4280, 41.2010, -8.2684

Triad

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



122.0780, 61.5865, -107.0624



151.9620, -18.7153, 76.3323



135.4580, -18.4668, -50.3907

Complementary

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



122.0780, 61.5865, -107.0624



124.9220, -61.5865, 107.0624

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.



144.1250, -39.9946, -5.3716



122.0780, 61.5865, -107.0624



151.2270, -37.5799, 60.3139

Square

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



122.0780, 61.5865, -107.0624



154.6620, 3.1246, 71.3334



148.6350, -46.6551, 31.0151



119.8420, 12.4029, -105.1014

Rectangle

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



122.0780, 61.5865, -107.0624



157.7870, 30.1780, 27.3738



148.6350, -46.6551, 31.0151



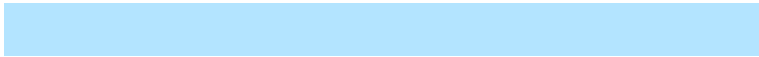
139.0920, -26.6674, -33.4067

Sweetspot

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



122.0780, 61.5865, -107.0624



216.4270, 19.0165, -32.8235



154.7930, -33.9149, -135.7535



104.2670, 11.7004, -19.5282



0.0000, 0.0000, 0.0000



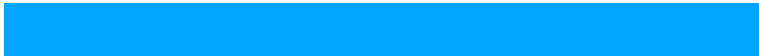
128.0000, 0.0000, 0.0000

Same Dimension

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



122.0780, 61.5865, -107.0624



125.9250, 63.6340, -110.4362



49.8770, 97.1816, -43.7421



116.0640, 2.9264, -5.3181



92.2310, 46.2281, -80.8866



29.0320, 14.7742, -25.4611

Inverse Universe

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



92.0930, 33.4782, 135.8534



95.0550, 34.4829, 140.2718



197.1230, -97.1816, 43.7421



114.5000, 1.7255, 6.5775



69.4080, 25.4349, 102.2512



21.9730, 7.9013, 32.4727

Previews

White Background



This preview shows how the YUV color 122.0780, 61.5865, -107.0624 looks on a white background.

Color Contrast Check

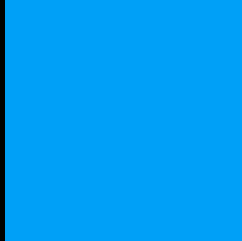
Large Text (above 18pt) WCAG AA × Fail

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 122.0780, 61.5865, -107.0624 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

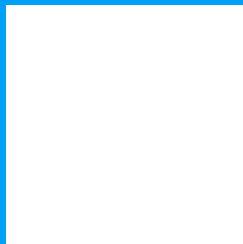
Any Text WCAG AAA ✓ Pass

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

YUV 122.0780, 61.5865, -107.0624 Background



This preview shows how black text looks on a background with the YUV color 122.0780, 61.5865, -107.0624.



This preview shows how white text looks on a background with the YUV color 122.0780, 61.5865, -107.0624.

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

122.0780, 61.5865, -107.0624

Protanopia

150.3610, 42.7130, -26.6266

Deuteranopia

145.7050, 50.9244, -47.0993



Tritanopia

119.8370, 30.1534, -105.0970

Trichromacy



Original Color

122.0780, 61.5865, -107.0624

Protanomaly

140.0090, 49.7886, -56.1359

Deuteranomaly

137.4850, 54.4839, -68.8313

Tritanomaly

120.8120, 41.5047, -105.9521

Monochromacy



Original Color

122.0780, 61.5865, -107.0624

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1920, 22.0903, -38.7564

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.0780, 61.5865, -107.0624 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(0, 160, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 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(0, 160, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 247) }
```

Border

The CSS property to change the border of an element to YUV 122.0780, 61.5865, -107.0624 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(0, 160, 247) }
```


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

```
.border{ border-color:rgb(0, 160, 247) }
```

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

Here you see how a box with a 4 pixel rgb(0, 160, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 122.0780, 61.5865, -107.0624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 247) }
```

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

```
.background{ background-color: rgb(0, 160,  
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](#).

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