

Converting Colors

YUV(120.4140, 65.3649,
-105.6031)

Have a look what the booklet for
YUV(120.4140, 65.3649, -105.6031)
contains.

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Color

**YUV(120.4140, 65.3649,
-105.6031)**

Conversions

Conversions Part 1

Format	Color
Hex	009CFD
RGB	0, 156, 253
RGB Percent	0%, 61%, 99%
CMY	1.0000, 0.3882, 0.0078
CMYK	1.00, 0.38, 0.00, 0.01
HSL	203°, 100%, 50%
HSV	203°, 100%, 99%
XYZ	29.6181, 30.8688, 97.3257
YIQ	120.4140, -124.1130, -2.9050

Conversions

Conversions Part 2

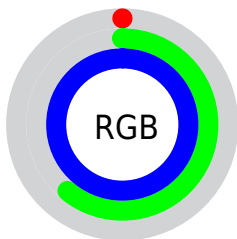
Format	Color
RYB	0, 96, 253
Decimal	40189
CIELab	62.40, 1.06, -57.49
CIELCh	62, 57.501, 271.061
Yxy	30.8688, 0.1877, 0.1956
Android (android.graphics.Color)	4278230269 (0xFF009CFD)
YUV	120.4140, 65.3649, -105.6031
Hunter-Lab	55.5597, -2.0736, -64.9685

Details

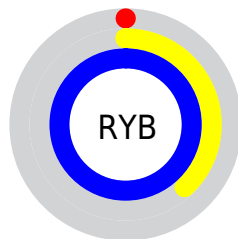
The YUV color **120.4140, 65.3649, -105.6031** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **132.5860, -65.3649, 105.6031**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.8280, 34.1018, -64.7472**, and **83.9790, 55.2264, -73.6496** is the 20% darker color. If you saturate the color by 10%, you get **120.4140, 65.3649, -105.6031**, and if you desaturate by 10%, it is **133.7590, 58.7858, -95.3816**.

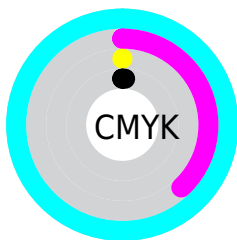
Distribution



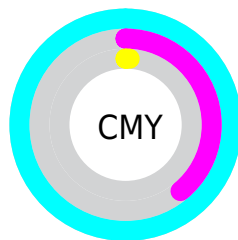
- Red (0%)
- Green (61%)
- Blue (99%)



- Red (0%)
- Yellow (38%)
- Blue (99%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (39%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.4140, 65.3649, -105.6031 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 120.4140, 65.3649, -105.6031 by changing the saturation by 10% instead.

■ 120.4140, 65.3649,
-105.6031

■ 120.4140, 65.3649,
-105.6031

■ 255.0000, 0.0000,
0.0000

■ 101.8460, 60.2219,
-89.3189

■ 185.8280, 34.1018,
-64.7472

■ 83.9790, 55.2264,
-73.6496

■ 212.4300, 20.9870,
-58.2591

■ 67.2860, 49.6520,
-59.0098

■ 231.9770, 11.3503,
-47.3378

■ 51.2940, 44.2251,
-44.9848

■ 241.5450, 6.6333,
-27.6650

■ 36.0030, 38.9455,
-31.5746

■ 251.1130, 1.9163,
-7.9921

■ 21.4130, 33.8134,
-18.7792

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 120.4140, 65.3649,
-105.6031

■ 133.7590, 58.7858,
-95.3816

■ 146.8160, 52.3487,
-84.0306

■ 160.1610, 45.7696,
-73.8092

■ 173.5060, 39.1905,
-63.5878

■ 187.1500, 32.4641,
-52.7516

■ 199.9080, 26.1744,
-42.0153

■ 213.2530, 19.5953,
-31.7939

■ 226.5980, 13.0162,
-21.5724

■ 239.6550, 6.5791,
-10.2214

Harmonies

Analogous

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



126.5630, 55.9244, -110.9958



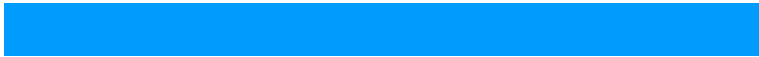
120.4140, 65.3649, -105.6031



153.7110, 42.0475, 0.2535

Triad

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



120.4140, 65.3649, -105.6031



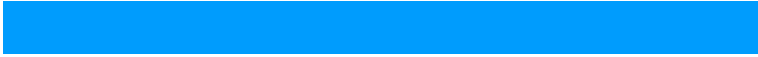
148.7300, -23.5309, 80.9208



126.0040, -13.3130, -70.1635

Complementary

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



120.4140, 65.3649, -105.6031



132.5860, -65.3649, 105.6031

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.



139.5540, -40.6991, -12.7639



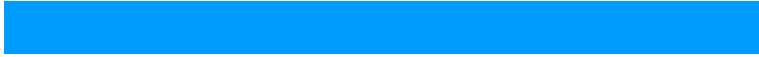
120.4140, 65.3649, -105.6031



147.7340, -43.2529, 59.8693

Square

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



120.4140, 65.3649, -105.6031



150.6200, 0.1873, 80.1403



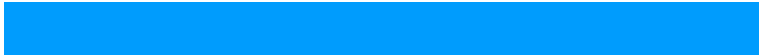
144.5330, -52.0278, 27.5966



119.9390, 15.3131, -105.1865

Rectangle

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



120.4140, 65.3649, -105.6031



155.4400, 29.8561, 37.3251



144.5330, -52.0278, 27.5966



132.5850, -24.4454, -46.1170

Sweetspot

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



120.4140, 65.3649, -105.6031



215.2530, 19.5953, -31.7939



159.5690, -30.8465, -139.9420



103.6800, 11.9898, -19.0134



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.



120.4140, 65.3649, -105.6031



121.2290, 65.9491, -106.3178



46.4520, 101.8282, -40.7384



121.1780, 3.3632, -5.4181



91.0400, 49.2803, -79.8421



30.1890, 16.6688, -26.4758

Inverse Universe

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



93.4310, 30.8465, 139.9420



94.1430, 30.9885, 141.0716



206.5480, -101.8282, 40.7384



119.7990, 1.5781, 7.1923



70.5610, 23.3874, 105.6250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 120.4140, 65.3649, -105.6031 looks on a white background.

Color Contrast Check

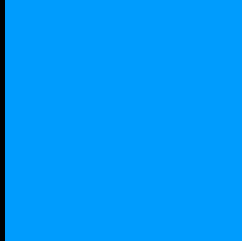
Large Text (above 18pt) WCAG AA × Fail

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 120.4140, 65.3649, -105.6031 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

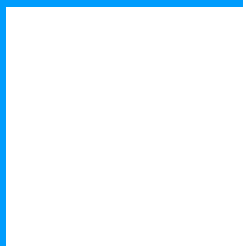
Any Text WCAG AAA ✓ Pass

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

YUV 120.4140, 65.3649, -105.6031 Background



This preview shows how black text looks on a background with the YUV color 120.4140, 65.3649, -105.6031.



This preview shows how white text looks on a background with the YUV color 120.4140, 65.3649, -105.6031.

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



Protanopia

147.2940, 47.6761, -31.8298

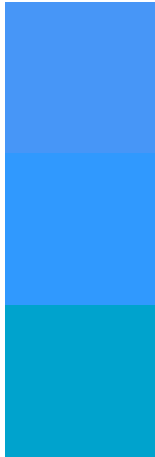
Deuteranopia

140.0180, 56.1931, -57.0208

Tritanopia

118.3210, 29.4217, -103.7675

Trichromacy



Protanomaly

137.4370, 54.0146, -58.2652

Deuteranomaly

133.1190, 59.5943, -74.6494

Tritanomaly

119.0510, 42.3729, -104.4077

Monochromacy



Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9470, 23.6901, -38.5415

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4140, 65.3649, -105.6031 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, 156, 253)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 253)  
}
```

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, 156, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 253) }
```

Border

The CSS property to change the border of an element to YUV 120.4140, 65.3649, -105.6031 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, 156, 253) }
```

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

```
.border{ border-color:rgb(0, 156, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 253);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
253) }
```


Background

The CSS property to change the background color of an element to YUV 120.4140, 65.3649, -105.6031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 253) }
```

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

```
.background{ background-color: rgb(0, 156,  
253) }
```

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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