

Converting Colors

YUV(103.3060, 72.8131,
-67.7974)

Have a look what the booklet for
YUV(103.3060, 72.8131, -67.7974)
contains.

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Color

**YUV(103.3060, 72.8131,
-67.7974)**

Conversions

Conversions Part 1

Format	Color
Hex	1A72FB
RGB	26, 114, 251
RGB Percent	10%, 45%, 98%
CMY	0.8980, 0.5529, 0.0157
CMYK	0.90, 0.55, 0.00, 0.02
HSL	217°, 97%, 54%
HSV	217°, 90%, 98%
XYZ	23.8559, 19.2193, 93.7191
YIQ	103.3060, -96.4250, 23.9510

Conversions

Conversions Part 2

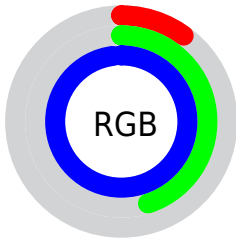
Format	Color
RYB	26, 89, 251
Decimal	1733371
CIELab	50.94, 26.85, -74.83
CIELCh	51, 79.500, 289.738
Yxy	19.2193, 0.1744, 0.1405
Android (android.graphics.Color)	4279923451 (0xFF1A72FB)
YUV	103.3060, 72.8131, -67.7974
Hunter-Lab	43.8398, 20.4131, -96.0602

Details

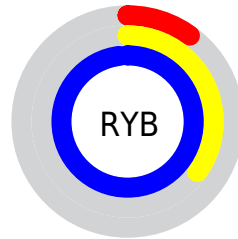
The YUV color **103.3060, 72.8131, -67.7974** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **173.6940, -72.8131, 67.7974**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9080, 46.3874, -38.5073**, and **61.9180, 64.6234, -54.3021** is the 20% darker color. If you saturate the color by 10%, you get **87.0260, 80.8392, -75.4448**, and if you desaturate by 10%, it is **119.5860, 64.7871, -60.1499**.

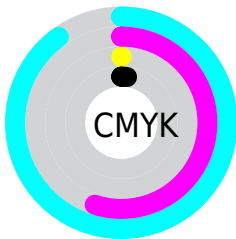
Distribution



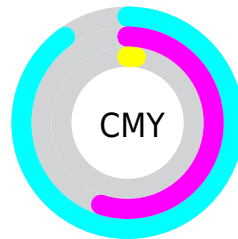
- Red (10%)
- Green (45%)
- Blue (98%)



- Red (10%)
- Yellow (35%)
- Blue (98%)



- Cyan (90%)
- Magenta (55%)
- Yellow (0%)
- Black (2%)



- Cyan (90%)
- Magenta (55%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3060, 72.8131, -67.7974 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 103.3060, 72.8131, -67.7974 by changing the saturation by 10% instead.

■ 103.3060, 72.8131,
-67.7974

■ 103.3060, 72.8131,
-67.7974

255.0000, 0.0000,
0.0000

■ 78.1380, 70.9240,
-68.5270

■ 160.9080, 46.3874,
-38.5073

■ 61.9180, 64.6234,
-54.3021

■ 186.9230, 33.5620,
-31.5045

■ 46.3990, 58.4703,
-40.6919

■ 212.9270, 20.7420,
-26.2460

■ 32.7550, 51.8858,
-28.7261

■ 238.9310, 7.9220,
-20.9875

■ 14.5290, 48.0532,
-12.7419

■ 252.6080, 1.1793,
-4.9182

■ 16.8480, 34.0919,
-14.7757

■ 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 103.3060, 72.8131,
-67.7974

■ 103.3060, 72.8131,
-67.7974

■ 87.0260, 80.8392,
-75.4448

■ 119.5860, 64.7871,
-60.1499

■ 86.1400, 81.2760,
-75.5448

■ 136.4530, 56.4717,
-53.0173

■ 152.7330, 48.4456,
-45.3698

■ 169.0130, 40.4196,
-37.7224

■ 185.2930, 32.3936,
-30.0750

■ 202.4590, 23.9307,
-22.3275

■ 218.7390, 15.9047,
-14.6801

■ 235.0190, 7.8786,
-7.0327

■ 251.8860, -0.4368,
0.1000

Harmonies

Analogous

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



109.4890, 71.7369, -96.0219



103.3060, 72.8131, -67.7974



121.4750, 43.6428, 48.6954

Triad

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



103.3060, 72.8131, -67.7974



108.3420, -51.9336, 90.9081



97.7060, -1.3341, -85.6882

Complementary

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



103.3060, 72.8131, -67.7974



173.6940, -72.8131, 67.7974

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.



85.3090, -36.1413, -74.8160



103.3060, 72.8131, -67.7974



114.5030, -56.4500, 46.0399

Square

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



103.3060, 72.8131, -67.7974



95.5330, -7.6578, 123.1896



108.8790, -53.6773, -3.4019



106.9740, 29.0998, -93.8162

Rectangle

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



103.3060, 72.8131, -67.7974



109.2050, 29.9719, 93.6592



108.8790, -53.6773, -3.4019



94.3830, -11.5278, -82.7739

Sweetspot

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



103.3060, 72.8131, -67.7974



209.7150, 22.3255, -20.7981



173.4650, -6.1452, -129.3268



101.0660, 13.2785, -12.3359



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.



103.3060, 72.8131, -67.7974



87.7700, 82.4444, -76.9743



58.2280, 95.0366, -8.9700



116.4170, 4.2314, -3.8737



64.9840, 61.1399, -56.9910



21.0420, 19.6993, -18.4538

Inverse Universe

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



103.3070, 5.2716, 129.5268



87.6450, 6.0910, 146.7703



218.7720, -95.0366, 8.9700



116.4570, 0.2677, 7.4922



64.9470, 4.4631, 108.7945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 103.3060, 72.8131, -67.7974 looks on a white background.

Color Contrast Check

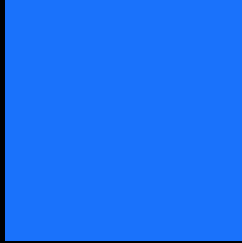
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.3060, 72.8131, -67.7974 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

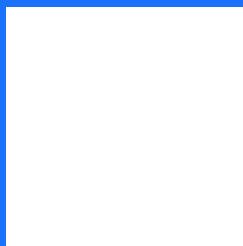
Any Text WCAG AAA × Fail

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

YUV 103.3060, 72.8131, -67.7974 Background



This preview shows how black text looks on a background with the YUV color 103.3060, 72.8131, -67.7974.



This preview shows how white text looks on a background with the YUV color 103.3060, 72.8131, -67.7974.

-67.7974.

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

103.3060, 72.8131, -67.7974

Protanopia

96.1360, 73.8830, -84.3113

Deuteranopia

96.3690, 57.0061, -84.5156



Tritanopia

94.8460, 23.2469, -83.1799

Trichromacy



Original Color

103.3060, 72.8131, -67.7974

Protanomaly

98.4680, 73.7193, -78.4634

Deuteranomaly

98.8950, 62.6628, -78.8379

Tritanomaly

97.9880, 41.4179, -78.0425

Monochromacy



Original Color

103.3060, 72.8131, -67.7974

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.1320, 26.5569, -24.6718

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3060, 72.8131, -67.7974 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(26, 114, 251)` looks like.

```
.text, #text, p{  
    color:rgb(26, 114, 251)  
}
```

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(26, 114, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 114, 251) }
```

Border

The CSS property to change the border of an element to YUV 103.3060, 72.8131, -67.7974 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(26, 114, 251) }
```


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

```
.border{ border-color:rgb(26, 114, 251) }
```

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

Here you see how a box with a 4 pixel rgb(26, 114, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 114, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 114, 251);  
box-shadow:4px 4px 4px 4px rgb(26, 114,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 103.3060, 72.8131, -67.7974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 114, 251) }
```

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

```
.background{ background-color: rgb(26, 114,  
251) }
```

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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