

Converting Colors

YUV(101.7090, 68.1775,
-74.2898)

Have a look what the booklet for
YUV(101.7090, 68.1775, -74.2898)
contains.

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Color

**YUV(101.7090, 68.1775,
-74.2898)**

Conversions

Conversions Part 1

Format	Color
Hex	1176F0
RGB	17, 118, 240
RGB Percent	7%, 46%, 94%
CMY	0.9333, 0.5373, 0.0588
CMYK	0.93, 0.51, 0.00, 0.06
HSL	213°, 88%, 50%
HSV	213°, 93%, 94%
XYZ	22.4378, 19.3673, 84.9937
YIQ	101.7090, -99.3580, 16.5300

Conversions

Conversions Part 2

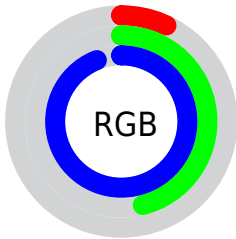
Format	Color
R _Y B	17, 87, 240
Decimal	1144560
CIE Lab	51.11, 19.73, -68.44
CIE LCh	51, 71.224, 286.084
Yxy	19.3673, 0.1770, 0.1527
Android (android.graphics.Color)	4279334640 (0xFF1176F0)
YUV	101.7090, 68.1775, -74.2898
Hunter-Lab	44.0083, 13.9943, -83.7016

Details

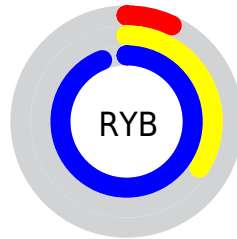
The YUV color **101.7090, 68.1775, -74.2898** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **155.2910, -68.1775, 74.2898**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7610, 45.9668, -43.6404**, and **62.5390, 59.3873, -54.8467** is the 20% darker color. If you saturate the color by 10%, you get **91.3430, 73.2879, -80.1078**, and if you desaturate by 10%, it is **116.5160, 60.8776, -66.2275**.

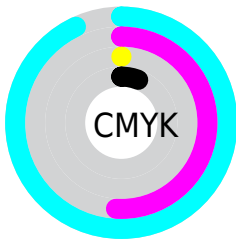
Distribution



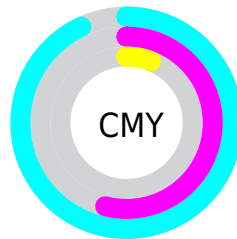
- Red (7%)
- Green (46%)
- Blue (94%)



- Red (7%)
- Yellow (34%)
- Blue (94%)



- Cyan (93%)
- Magenta (51%)
- Yellow (0%)
- Black (6%)



- Cyan (93%)
- Magenta (54%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.7090, 68.1775, -74.2898 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 101.7090, 68.1775, -74.2898 by changing the saturation by 10% instead.

■ 101.7090, 68.1775,
-74.2898

■ 101.7090, 68.1775,
-74.2898

255.0000, 0.0000,
0.0000

■ 79.2320, 64.9616,
-69.4865

■ 161.7610, 45.9668,
-43.6404

■ 62.5390, 59.3873,
-54.8467

■ 187.4770, 33.2888,
-37.2523

■ 47.0200, 53.2341,
-41.2365

■ 213.4810, 20.4689,
-31.9938

■ 32.9030, 47.3758,
-28.8559

■ 239.7730, 7.5069,
-27.8649

■ 15.2640, 43.2538,
-13.3865

■ 250.5150, 2.2111,
-9.2217

■ 14.7620, 31.1763,
-12.9463

■ 9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 101.7090, 68.1775,
-74.2898

■ 101.7090, 68.1775,
-74.2898

■ 91.3430, 73.2879,
-80.1078

■ 116.5160, 60.8776,
-66.2275

■ 131.3230, 53.5778,
-58.1653

■ 146.1300, 46.2779,
-50.1030

■ 161.5240, 38.6887,
-42.5555

■ 176.3310, 31.3888,
-34.4933

■ 191.1380, 24.0890,
-26.4310

■ 205.9450, 16.7891,
-18.3688

■ 220.7520, 9.4893,
-10.3065

■ 235.5590, 2.1894,
-2.2442

Harmonies

Analogous

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



107.8930, 65.6218, -94.6222



101.7090, 68.1775, -74.2898



124.2900, 40.7760, 34.8257

Triad

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



101.7090, 68.1775, -74.2898



112.9250, -39.4030, 85.1348



96.5490, -3.2287, -84.6735

Complementary

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



101.7090, 68.1775, -74.2898



155.2910, -68.1775, 74.2898

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.



94.8430, -35.9116, -55.1133



101.7090, 68.1775, -74.2898



114.8130, -56.6028, 48.3990

Square

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



101.7090, 68.1775, -74.2898



107.1240, -7.4561, 105.1313



110.7060, -54.5781, 5.5198



104.4320, 24.4370, -91.5869

Rectangle

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



101.7090, 68.1775, -74.2898



118.4600, 26.3952, 74.1416



110.7060, -54.5781, 5.5198



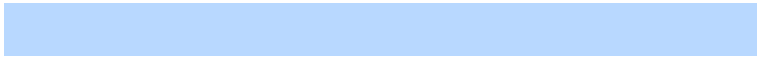
92.9810, -11.8226, -81.5443

Sweetspot

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



101.7090, 68.1775, -74.2898



210.8780, 21.7521, -23.5720



161.4670, -12.5552, -126.6976



100.7560, 13.4313, -14.6950



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.



101.7090, 68.1775, -74.2898



96.5750, 78.1035, -84.6963



44.5150, 96.3741, -17.9917



112.3030, 3.7946, -3.7737



69.6970, 56.3514, -61.1243



21.0590, 17.2259, -18.4687

Inverse Universe

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



95.1910, 11.2448, 126.9975



89.3550, 12.6430, 145.2707



212.4850, -96.3741, 17.9917



112.1580, 0.4151, 6.8774



64.4780, 9.1313, 104.8208



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 101.7090, 68.1775, -74.2898 looks on a white background.

Color Contrast Check

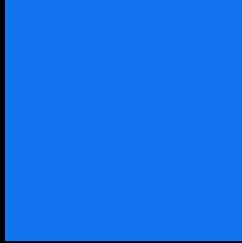
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.7090, 68.1775, -74.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

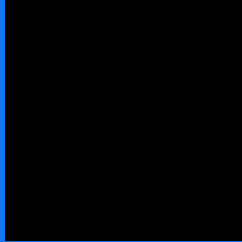
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

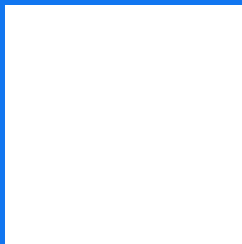
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 101.7090, 68.1775, -74.2898

Background



This preview shows how black text looks on a background with the YUV color 101.7090, 68.1775, -74.2898.



This preview shows how white text looks on a background with the YUV color 101.7090, 68.1775, -74.2898.

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

101.7090, 68.1775, -74.2898

Protanopia

108.7820, 64.1975, -57.6908

Deuteranopia

97.2980, 58.0271, -85.3303



Tritanopia

94.9600, 23.6837, -83.2799

Trichromacy



Original Color

101.7090, 68.1775, -74.2898

Protanomaly

106.0910, 65.5241, -63.2238

Deuteranomaly

98.9440, 61.6526, -81.5119

Tritanomaly

97.2220, 39.8236, -80.0017

Monochromacy



Original Color

101.7090, 68.1775, -74.2898

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.9530, 24.6732, -27.1458

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.7090, 68.1775, -74.2898 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(17, 118, 240)` looks like.

```
.text, #text, p{  
    color:rgb(17, 118, 240)  
}
```

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(17, 118, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 118, 240) }
```

Border

The CSS property to change the border of an element to YUV 101.7090, 68.1775, -74.2898 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(17, 118, 240) }
```


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

```
.border{ border-color:rgb(17, 118, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 118, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 118, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 118, 240);  
box-shadow:4px 4px 4px 4px rgb(17, 118,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 101.7090, 68.1775, -74.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 118, 240) }
```

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

```
.background{ background-color: rgb(17, 118,  
240) }
```

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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