

Converting Colors

YUV(104.3490, 74.2709,
-68.7121)

Have a look what the booklet for
YUV(104.3490, 74.2709, -68.7121)
contains.

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Color

**YUV(104.3490, 74.2709,
-68.7121)**

Conversions

Conversions Part 1

Format	Color
Hex	1A73FF
RGB	26, 115, 255
RGB Percent	10%, 45%, 100%
CMY	0.8980, 0.5490, 0.0000
CMYK	0.90, 0.55, 0.00, 0.00
HSL	217°, 100%, 55%
HSV	217°, 90%, 100%
XYZ	24.6067, 19.7011, 97.1135
YIQ	104.3490, -97.9840, 24.6720

Conversions

Conversions Part 2

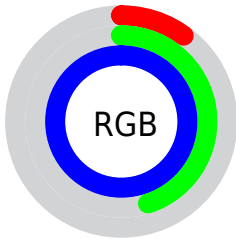
Format	Color
R _Y B	26, 90, 255
Decimal	1733631
CIE Lab	51.50, 27.73, -76.14
CIE LCh	51, 81.035, 290.013
Yxy	19.7011, 0.1740, 0.1393
Android (android.graphics.Color)	4279923711 (0xFF1A73FF)
YUV	104.3490, 74.2709, -68.7121
Hunter-Lab	44.3859, 21.2818, -98.6526

Details

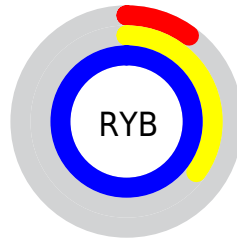
The YUV color **104.3490, 74.2709, -68.7121** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **176.6510, -74.2709, 68.7121**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7940, 45.9506, -38.4073**, and **62.3740, 66.3706, -54.7020** is the 20% darker color. If you saturate the color by 10%, you get **87.1830, 82.7338, -76.4595**, and if you desaturate by 10%, it is **121.2160, 65.9555, -61.5794**.

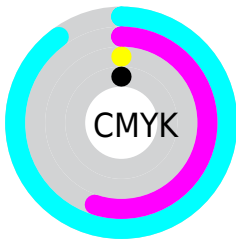
Distribution



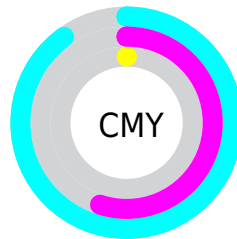
- Red (10%)
- Green (45%)
- Blue (100%)



- Red (10%)
- Yellow (35%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 104.3490, 74.2709, -68.7121 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 104.3490, 74.2709, -68.7121 by changing the saturation by 10% instead.

■ 104.3490, 74.2709,
-68.7121

■ 104.3490, 74.2709,
-68.7121

■ 255.0000, 0.0000,
0.0000

■ 79.1810, 72.3818,
-69.4417

■ 161.7940, 45.9506,
-38.4073

■ 62.3740, 66.3706,
-54.7020

■ 187.8090, 33.1252,
-31.4045

■ 47.4420, 59.9281,
-41.6066

■ 213.8130, 20.3052,
-26.1460

■ 33.2110, 53.6330,
-29.1260

■ 239.8170, 7.4852,
-20.8875

■ 16.6320, 48.4954,
-14.5863

■ 252.9070, 1.0318,
-4.3034

■ 17.8910, 35.5497,
-15.6904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 104.3490, 74.2709,
-68.7121

■ 104.3490, 74.2709,
-68.7121

■ 87.1830, 82.7338,
-76.4595

■ 121.2160, 65.9555,
-61.5794

■ 137.7950, 57.7821,
-53.3172

■ 154.6620, 49.4666,
-46.1846

■ 171.2410, 41.2932,
-37.9224

■ 188.1080, 32.9778,
-30.7897

■ 205.2740, 24.5149,
-23.0423

■ 221.5540, 16.4889,
-15.3949

■ 238.7200, 8.0260,
-7.6474

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



110.0760, 71.4475, -96.5367



104.3490, 74.2709, -68.7121



122.7140, 44.5110, 50.2398

Triad

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



104.3490, 74.2709, -68.7121



108.8970, -53.6862, 93.0523



98.9940, -1.4760, -86.8177

Complementary

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



104.3490, 74.2709, -68.7121



176.6510, -74.2709, 68.7121

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.



86.2550, -37.5937, -75.6456



104.3490, 74.2709, -68.7121



115.9760, -57.1762, 45.6250

Square

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



104.3490, 74.2709, -68.7121



94.9680, -7.3792, 127.1931



109.4660, -53.9667, -3.9167



108.4900, 29.8314, -95.1457

Rectangle

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



104.3490, 74.2709, -68.7121



109.4550, 30.8347, 96.9480



109.4660, -53.9667, -3.9167



95.6710, -11.6698, -83.9035

Sweetspot

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



104.3490, 74.2709, -68.7121



209.7150, 22.3255, -20.7981



176.0410, -6.4292, -131.5860



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.



104.3490, 74.2709, -68.7121



87.1830, 82.7338, -76.4595



58.9830, 96.6364, -8.7551



119.4170, 4.2314, -3.8737



65.2120, 62.0135, -57.1909



21.9710, 20.7203, -19.2686

Inverse Universe

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



104.6170, 5.1188, 131.8859



87.5310, 5.6542, 146.8703



222.0170, -96.6364, 8.7551



119.4570, 0.2677, 7.4922



65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 104.3490, 74.2709, -68.7121 looks on a white background.

Color Contrast Check

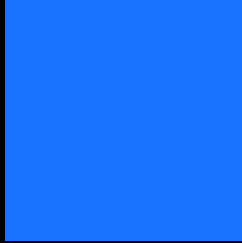
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.3490, 74.2709, -68.7121 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

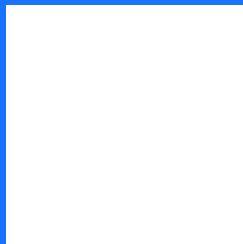
Any Text WCAG AAA × Fail

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

YUV 104.3490, 74.2709, -68.7121 Background



This preview shows how black text looks on a background with the YUV color 104.3490, 74.2709, -68.7121.



This preview shows how white text looks on a background with the YUV color 104.3490, 74.2709, -68.7121.

-68.7121.

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

104.3490, 74.2709, -68.7121

Protanopia

97.0650, 74.9040, -85.1260

Deuteranopia

97.8850, 57.7377, -85.8451



Tritanopia

95.6610, 23.8311, -83.8947

Trichromacy



Original Color

104.3490, 74.2709, -68.7121

Protanomaly

99.3970, 74.7403, -79.2782

Deuteranomaly

99.9380, 64.1206, -79.7526

Tritanomaly

98.8030, 42.0021, -78.7572

Monochromacy



Original Color

104.3490, 74.2709, -68.7121

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.2460, 26.9937, -24.7717

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3490, 74.2709, -68.7121 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, 115, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 115, 255)  
}
```

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, 115, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 115, 255) }
```

Border

The CSS property to change the border of an element to YUV 104.3490, 74.2709, -68.7121 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, 115, 255) }
```


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

```
.border{ border-color:rgb(26, 115, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 115, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 115, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 115, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 115,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 104.3490, 74.2709, -68.7121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 115, 255) }
```

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

```
.background{ background-color: rgb(26, 115,  
255) }
```

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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