

Converting Colors

YUV(82.0190, 68.0246,
-71.9307)

Have a look what the booklet for
YUV(82.0190, 68.0246, -71.9307)
contains.

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Color

**YUV(82.0190, 68.0246,
-71.9307)**

Conversions

Conversions Part 1

Format	Color
Hex	0061DC
RGB	0, 97, 220
RGB Percent	0%, 38%, 86%
CMY	1.0000, 0.6196, 0.1373
CMYK	1.00, 0.56, 0.00, 0.14
HSL	214°, 100%, 43%
HSV	214°, 100%, 86%
XYZ	17.1930, 13.7167, 69.4516
YIQ	82.0190, -97.2950, 17.6890

Conversions

Conversions Part 2

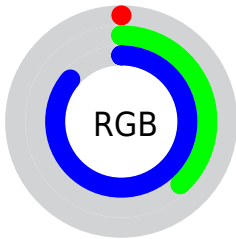
Format	Color
R_{YB}	0, 67, 220
Decimal	25052
CIE _{Lab}	43.82, 24.91, -69.02
CIE _{LCh}	44, 73.376, 289.848
Yxy	13.7167, 0.1713, 0.1367
Android (android.graphics.Color)	4278215132 (0xFF0061DC)
YUV	82.0190, 68.0246, -71.9307
Hunter-Lab	37.0361, 18.0506, -85.2579

Details

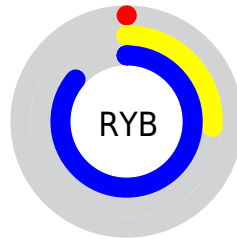
The YUV color **82.0190, 68.0246, -71.9307** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **137.9810, -68.0246, 71.9307**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4550, 53.5127, -37.2330**, and **49.2200, 56.5865, -43.1659** is the 20% darker color. If you saturate the color by 10%, you get **82.0190, 68.0246, -71.9307**, and if you desaturate by 10%, it is **95.6410, 61.3090, -64.5832**.

Distribution



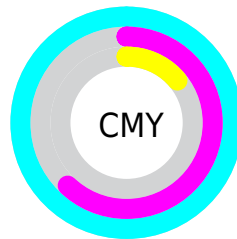
- Red (0%)
- Green (38%)
- Blue (86%)



- Red (0%)
- Yellow (26%)
- Blue (86%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (62%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.0190, 68.0246, -71.9307 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 82.0190, 68.0246, -71.9307 by changing the saturation by 10% instead.

■ 82.0190, 68.0246,
-71.9307

■ 82.0190, 68.0246,
-71.9307

■ 255.0000, 0.0000,
0.0000

■ 65.3260, 62.4503,
-57.2909

■ 146.4550, 53.5127,
-37.2330

■ 49.2200, 56.5865,
-43.1659

■ 171.5840, 41.1241,
-30.3302

■ 34.9890, 50.2914,
-30.6854

■ 196.7020, 28.7409,
-25.1717

■ 20.8720, 44.4331,
-18.3047

■ 222.4070, 16.0683,
-20.5279

■ 16.7340, 33.6551,
-14.6757

■ 247.5250, 3.6852,
-15.3694

■ 10.4760, 24.9083,
-9.1875

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 82.0190, 68.0246,
-71.9307

■ 95.6410, 61.3090,
-64.5832

■ 109.8500, 54.3040,
-57.7504

■ 123.4720, 47.5883,
-50.4029

■ 137.0940, 40.8727,
-43.0554

■ 151.3030, 33.8676,
-36.2227

■ 164.9250, 27.1520,
-28.8752

■ 178.5470, 20.4363,
-21.5277

■ 192.1690, 13.7207,
-14.1802

■ 206.3780, 6.7156,
-7.3475

Harmonies

Analogous

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



94.3290, 64.4208, -82.7265



82.0190, 68.0246, -71.9307



103.0030, 39.4385, 43.8474

Triad

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



82.0190, 68.0246, -71.9307



91.7090, -45.2125, 81.8162



84.2560, -2.0982, -73.8925

Complementary

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



82.0190, 68.0246, -71.9307



137.9810, -68.0246, 71.9307

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.



72.4290, -34.7215, -63.5202



82.0190, 68.0246, -71.9307



98.2340, -48.4294, 40.1368

Square

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



82.0190, 68.0246, -71.9307



74.5150, -3.7049, 115.3123



92.6430, -45.6730, -4.0719



92.1390, 25.5675, -80.8059

Rectangle

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



82.0190, 68.0246, -71.9307



89.9930, 28.1045, 85.9521



92.6430, -45.6730, -4.0719



80.5740, -11.1290, -70.6634

Sweetspot

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



82.0190, 68.0246, -71.9307



207.0350, 23.6467, -24.5867



142.9340, -10.8135, -125.3531



98.9840, 14.3049, -14.8950



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.



82.0190, 68.0246, -71.9307



94.8140, 78.9717, -83.1519



28.3690, 94.4741, -15.2326



103.1890, 3.3578, -3.6738



64.3340, 53.5723, -56.4209



16.9840, 14.3049, -14.8950

Inverse Universe

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



76.8380, 9.9399, 125.5531



89.0130, 11.3326, 145.5706



191.6310, -94.4741, 15.2326



102.8590, 0.5625, 6.2627



60.3910, 7.6952, 98.7581



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 82.0190, 68.0246, -71.9307 looks on a white background.

Color Contrast Check

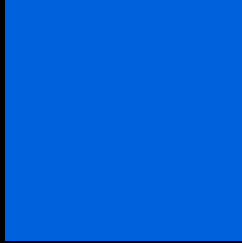
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 82.0190, 68.0246, -71.9307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

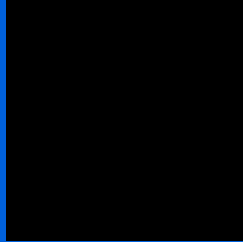
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.0190, 68.0246, -71.9307

Background



This preview shows how black text looks on a background with the YUV color 82.0190, 68.0246, -71.9307.



This preview shows how white text looks on a background with the YUV color 82.0190, 68.0246, -71.9307.

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

82.1670, 63.5147, -72.0605

Deuteranopia

82.9700, 48.8218, -72.7647

Tritanopia

81.4130, 20.0094, -71.3992

Trichromacy



Protanomaly

81.9220, 65.1145, -71.8456

Deuteranomaly

82.8050, 55.8051, -72.6200

Tritanomaly

81.4080, 37.7599, -71.3948

Monochromacy



Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.6650, 24.8152, -26.0162

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0190, 68.0246, -71.9307 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, 97, 220)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 220)  
}
```

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, 97, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 220) }
```

Border

The CSS property to change the border of an element to YUV 82.0190, 68.0246, -71.9307 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, 97, 220) }
```

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

```
.border{ border-color:rgb(0, 97, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 220);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 220)  
}
```


Background

The CSS property to change the background color of an element to YUV 82.0190, 68.0246, -71.9307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 220) }
```

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

```
.background{ background-color: rgb(0, 97,  
220) }
```

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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