

Converting Colors

YUV(82.8170, 71.0822,
-72.6305)

Have a look what the booklet for
YUV(82.8170, 71.0822, -72.6305)
contains.

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Color

**YUV(82.8170, 71.0822,
-72.6305)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0061E3 |
| RGB | 0, 97, 227 |
| RGB Percent | 0%, 38%, 89% |
| CMY | 1.0000, 0.6196, 0.1098 |
| CMYK | 1.00, 0.57, 0.00, 0.11 |
| HSL | 214°, 100%, 45% |
| HSV | 214°, 100%, 89% |
| XYZ | 18.1398, 14.0954, 74.4377 |
| YIQ | 82.8170, -99.5420, 19.8660 |

Conversions

Conversions Part 2

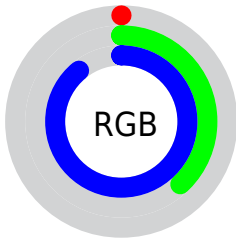
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 68, 227 |
| Decimal | 25059 |
| CIELab | 44.37, 27.66, -72.10 |
| CIELCh | 44, 77.225, 290.988 |
| Yxy | 14.0954, 0.1701, 0.1321 |
| Android (android.graphics.Color) | 4278215139 (0xFF0061E3) |
| YUV | 82.8170, 71.0822, -72.6305 |
| Hunter-Lab | 37.5439, 20.5428, -91.2726 |

Details

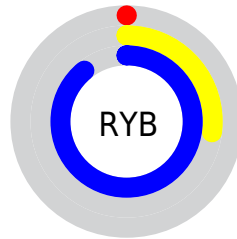
The YUV color **82.8170, 71.0822, -72.6305** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **144.1830, -71.0822, 72.6305**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0530, 53.2179, -36.0035**, and **49.9040, 59.2073, -43.7658** is the 20% darker color. If you saturate the color by 10%, you get **82.8170, 71.0822, -72.6305**, and if you desaturate by 10%, it is **97.3250, 63.9298, -65.1830**.

Distribution



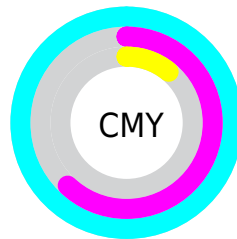
- Red (0%)
- Green (38%)
- Blue (89%)



- Red (0%)
- Yellow (27%)
- Blue (89%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (62%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8170, 71.0822, -72.6305 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 82.8170, 71.0822, -72.6305 by changing the saturation by 10% instead.

■ 82.8170, 71.0822,
-72.6305

■ 82.8170, 71.0822,
-72.6305

255.0000, 0.0000,
0.0000

■ 66.0100, 65.0711,
-57.8908

■ 147.0530, 53.2179,
-36.0035

■ 49.9040, 59.2073,
-43.7658

■ 172.1820, 40.8293,
-29.1006

■ 35.6730, 52.9122,
-31.2852

■ 197.5990, 28.2987,
-23.3273

■ 22.1430, 46.7645,
-19.4194

■ 223.3040, 15.6261,
-18.6836

■ 16.8310, 36.5653,
-14.7608

■ 248.7210, 3.0955,
-12.9103

■ 11.7470, 27.2397,
-10.3021

■ 6.6630, 17.9141,

-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 82.8170, 71.0822,
-72.6305

■ 97.3250, 63.9298,
-65.1830

■ 111.5340, 56.9247,
-58.3503

■ 126.0420, 49.7723,
-50.9028

■ 140.5500, 42.6198,
-43.4554

■ 155.0580, 35.4674,
-36.0079

■ 169.2670, 28.4624,
-29.1752

■ 183.7750, 21.3099,
-21.7277

■ 198.2830, 14.1575,
-14.2802

■ 212.4920, 7.1524,
-7.4475

Harmonies

Analogous

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



96.5290, 67.7732, -84.6559



82.8170, 71.0822, -72.6305



103.2040, 41.3114, 49.8101

Triad

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



82.8170, 71.0822, -72.6305



92.6060, -45.6548, 83.6605



85.7720, -1.3666, -75.2220

Complementary

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



82.8170, 71.0822, -72.6305



144.1830, -71.0822, 72.6305

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.



73.3750, -36.1739, -64.3499



82.8170, 71.0822, -72.6305



98.8210, -48.7188, 39.6220

Square

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



82.8170, 71.0822, -72.6305



70.6840, -3.2952, 123.9341



92.9200, -45.8096, -6.9458



93.9970, 27.6095, -82.4354

Rectangle

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



82.8170, 71.0822, -72.6305



82.8080, 32.1397, 98.3924



92.9200, -45.8096, -6.9458



82.5630, -11.1236, -72.4078

Sweetspot

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



82.8170, 71.0822, -72.6305



206.4480, 23.9361, -24.0719



147.9550, -9.3448, -129.7565



98.3970, 14.5943, -14.3802



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.



82.8170, 71.0822, -72.6305



93.0530, 79.8399, -81.6075



30.3630, 96.9420, -13.4734



107.3030, 3.7946, -3.7737



65.0180, 56.1931, -57.0208



18.7280, 15.9101, -16.4245

Inverse Universe

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



78.9310, 8.9080, 129.8565



88.6710, 10.0222, 145.8705



196.6370, -96.9420, 13.4734



107.1580, 0.4151, 6.8774



62.1850, 6.8108, 102.4468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 82.8170, 71.0822, -72.6305 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 82.8170, 71.0822, -72.6305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

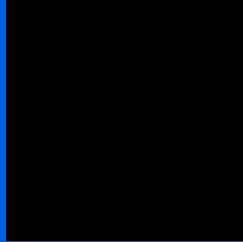
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8170, 71.0822, -72.6305

Background



This preview shows how black text looks on a background with the YUV color 82.8170, 71.0822, -72.6305.



This preview shows how white text looks on a background with the YUV color 82.8170, 71.0822, -72.6305.

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

82.8170, 71.0822, -72.6305

Protanopia

83.6830, 64.2463, -73.3900

Deuteranopia

83.6710, 48.9692, -73.3795



Tritanopia

82.1140, 20.1568, -72.0140

Trichromacy



Original Color

82.8170, 71.0822, -72.6305

Protanomaly

83.6660, 66.7197, -73.3751

Deuteranomaly

83.1470, 57.1155, -72.9199

Tritanomaly

82.3370, 38.7809, -72.2095

Monochromacy



Original Color

82.8170, 71.0822, -72.6305

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8930, 25.6888, -26.2162

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8170, 71.0822, -72.6305 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 227) }
```

Border

The CSS property to change the border of an element to YUV 82.8170, 71.0822, -72.6305 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, 227) }
```


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

```
.border{ border-color:rgb(0, 97, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 227)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.8170, 71.0822, -72.6305 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, 227) }
```

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

```
.background{ background-color: rgb(0, 97,  
227) }
```

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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