

Converting Colors

YUV(94.5060, 72.7145,
-82.8818)

Have a look what the booklet for
YUV(94.5060, 72.7145, -82.8818)
contains.

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Color

**YUV(94.5060, 72.7145,
-82.8818)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0072F2 |
| RGB | 0, 114, 242 |
| RGB Percent | 0%, 45%, 95% |
| CMY | 1.0000, 0.5529, 0.0510 |
| CMYK | 1.00, 0.53, 0.00, 0.05 |
| HSL | 212°, 100%, 47% |
| HSV | 212°, 100%, 95% |
| XYZ | 22.0443, 18.4454, 86.4029 |
| YIQ | 94.5060, -109.0320, 15.6400 |

Conversions

Conversions Part 2

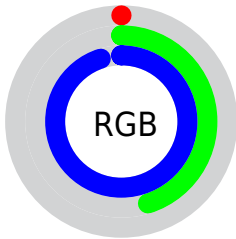
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 77, 242 |
| Decimal | 29426 |
| CIELab | 50.03, 22.58, -71.31 |
| CIELCh | 50, 74.804, 287.570 |
| Yxy | 18.4454, 0.1737, 0.1454 |
| Android (android.graphics.Color) | 4278219506 (0xFF0072F2) |
| YUV | 94.5060, 72.7145, -82.8818 |
| Hunter-Lab | 42.9481, 16.4608, -89.2156 |

Details

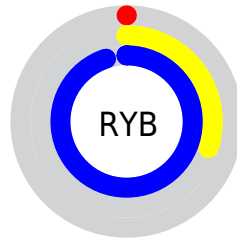
The YUV color **94.5060, 72.7145, -82.8818** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark saturated azure. A complement of this color would be **147.4940, -72.7145, 82.8818**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5160, 47.5666, -43.4255**, and **61.0060, 61.1290, -53.5023** is the 20% darker color. If you saturate the color by 10%, you get **94.5060, 72.7145, -82.8818**, and if you desaturate by 10%, it is **109.3130, 65.4147, -74.8195**.

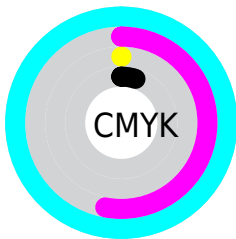
Distribution



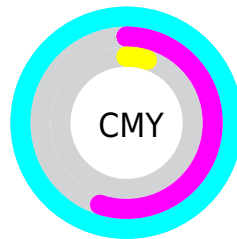
- Red (0%)
- Green (45%)
- Blue (95%)



- Red (0%)
- Yellow (30%)
- Blue (95%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (55%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.5060, 72.7145, -82.8818 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 94.5060, 72.7145, -82.8818 by changing the saturation by 10% instead.

■ 94.5060, 72.7145,
-82.8818

■ 94.5060, 72.7145,
-82.8818

255.0000, 0.0000,
0.0000

■ 77.1120, 66.9928,
-67.6272

■ 158.5160, 47.5666,
-43.4255

■ 61.0060, 61.1290,
-53.5023

■ 184.5310, 34.7412,
-36.4227

■ 45.4870, 54.9759,
-39.8921

■ 210.5350, 21.9212,
-31.1642

■ 31.8430, 48.3914,
-27.9263

■ 236.5390, 9.1013,
-25.9057

■ 12.4430, 45.1376,
-10.9125

■ 250.2160, 2.3585,
-9.8364

■ 14.8760, 31.6131,
-13.0463

■ 9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 94.5060, 72.7145,
-82.8818

■ 109.3130, 65.4147,
-74.8195

■ 124.1200, 58.1148,
-66.7572

■ 138.6390, 50.9570,
-57.5654

■ 153.4460, 43.6571,
-49.5031

■ 168.2530, 36.3573,
-41.4409

■ 183.0600, 29.0574,
-33.3786

■ 197.8670, 21.7576,
-25.3164

■ 212.3860, 14.5997,
-16.1245

■ 227.1930, 7.2999,
-8.0623

Harmonies

Analogous

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



106.5880, 68.2371, -93.4777



94.5060, 72.7145, -82.8818



120.6650, 42.0702, 39.7588

Triad

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



94.5060, 72.7145, -82.8818



108.6110, -43.1922, 87.1642



95.2610, -3.0867, -83.5439

Complementary

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



94.5060, 72.7145, -82.8818



147.4940, -72.7145, 82.8818

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.



83.0750, -34.5470, -72.8568



94.5060, 72.7145, -82.8818



112.4430, -55.4344, 46.9695

Square

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



94.5060, 72.7145, -82.8818



99.5810, -7.1884, 112.6235



107.4390, -52.9674, 2.2460



103.4860, 25.8894, -90.7572

Rectangle

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



94.5060, 72.7145, -82.8818



111.6720, 28.2627, 81.8487



107.4390, -52.9674, 2.2460



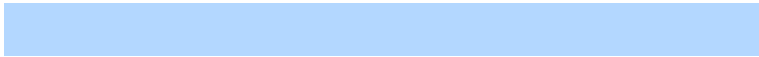
91.5790, -12.1174, -80.3148

Sweetspot

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



94.5060, 72.7145, -82.8818



208.7960, 22.7786, -26.1311



156.3040, -15.4329, -137.0786



99.5710, 14.0155, -15.4098



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.



94.5060, 72.7145, -82.8818



99.5100, 76.6566, -87.2703



28.7840, 105.1155, -21.7356



112.8900, 3.5052, -4.2885



71.4580, 55.4832, -62.6687



21.6460, 16.9365, -18.9835

Inverse Universe

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



85.3540, 14.1225, 137.3785



89.9250, 14.8270, 144.7708



213.2160, -105.1155, 21.7356



112.2720, 0.8519, 6.7775



64.8200, 10.4417, 104.5209



19.7080, 3.1020, 31.8281

Previews

White Background



This preview shows how the YUV color 94.5060, 72.7145, -82.8818 looks on a white background.

Color Contrast Check

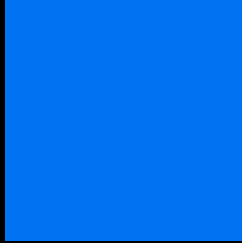
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.5060, 72.7145, -82.8818 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

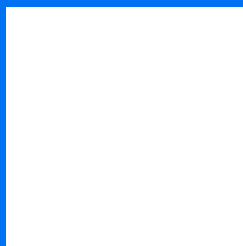
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 94.5060, 72.7145, -82.8818

Background



This preview shows how black text looks on a background with the YUV color 94.5060, 72.7145, -82.8818.



This preview shows how white text looks on a background with the YUV color 94.5060, 72.7145, -82.8818.

-82.8818.

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

98.6920, 70.6508, -74.2749

Deuteranopia

94.8530, 56.2745, -83.1861

Tritanopia

93.4440, 22.9521, -81.9504

Trichromacy



Protanomaly

97.1970, 71.3879, -77.3488

Deuteranomaly

94.4600, 62.3842, -82.8414

Tritanomaly

93.5530, 41.1394, -82.0460

Monochromacy



Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.6860, 26.2838, -30.4196

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.5060, 72.7145, -82.8818 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, 114, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 242)  
}
```

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, 114, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 242) }
```

Border

The CSS property to change the border of an element to YUV 94.5060, 72.7145, -82.8818 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, 114, 242) }
```

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

```
.border{ border-color:rgb(0, 114, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 114, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
242) }
```


Background

The CSS property to change the background color of an element to YUV 94.5060, 72.7145, -82.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 242) }
```

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

```
.background{ background-color: rgb(0, 114,  
242) }
```

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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