

Converting Colors

YUV(85.8140, 82.4227,
-69.9969)

Have a look what the booklet for
YUV(85.8140, 82.4227, -69.9969)
contains.

YUV(85.8140, 82.4227, -69.9969)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(85.8140, 82.4227,
-69.9969)**

Conversions

Conversions Part 1

Format	Color
Hex	065EFD
RGB	6, 94, 253
RGB Percent	2%, 37%, 99%
CMY	0.9765, 0.6314, 0.0078
CMYK	0.98, 0.63, 0.00, 0.01
HSL	219°, 98%, 51%
HSV	219°, 98%, 99%
XYZ	21.8074, 15.1360, 94.7007
YIQ	85.8140, -103.4870, 30.7930

Conversions

Conversions Part 2

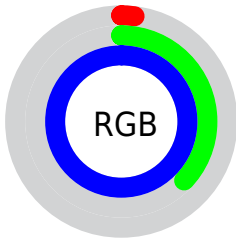
Format	Color
RYB	6, 71, 253
Decimal	417533
CIELab	45.82, 39.63, -84.32
CIELCh	46, 93.173, 295.173
Yxy	15.1360, 0.1657, 0.1150
Android (android.graphics.Color)	4278607613 (0xFF065EFD)
YUV	85.8140, 82.4227, -69.9969
Hunter-Lab	38.9050, 31.9710, -117.0874

Details

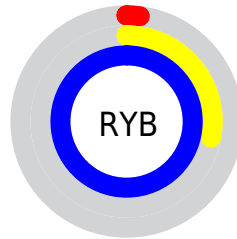
The YUV color **85.8140, 82.4227, -69.9969** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **173.1860, -82.4227, 69.9969**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9830, 52.7594, -28.9261**, and **50.9930, 70.9955, -44.7209** is the 20% darker color. If you saturate the color by 10%, you get **81.6720, 84.4647, -71.6263**, and if you desaturate by 10%, it is **102.6810, 74.1073, -62.8642**.

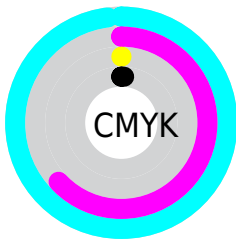
Distribution



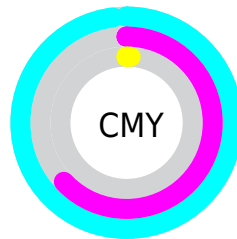
- Red (2%)
- Green (37%)
- Blue (99%)



- Red (2%)
- Yellow (28%)
- Blue (99%)



- Cyan (98%)
- Magenta (63%)
- Yellow (0%)
- Black (1%)



- Cyan (98%)
- Magenta (63%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.8140, 82.4227, -69.9969 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 85.8140, 82.4227, -69.9969 by changing the saturation by 10% instead.

■ 85.8140, 82.4227,
-69.9969

■ 85.8140, 82.4227,
-69.9969

■ 255.0000, 0.0000,
0.0000

■ 67.2130, 77.2960,
-58.9458

■ 147.9830, 52.7594,
-28.9261

■ 50.9930, 70.9955,
-44.7209

■ 173.4110, 40.2234,
-21.4084

■ 36.6480, 64.2635,
-32.1403

■ 199.1270, 27.5454,
-15.0204

■ 24.7650, 56.8109,
-21.7189

■ 225.1310, 14.7254,
-9.7619

■ 15.8170, 47.9112,
-13.8715

■ 252.0210, 1.4686,
-4.4034

■ 16.9620, 34.5287,
-14.8757

■ 10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 85.8140, 82.4227,
-69.9969

■ 85.8140, 82.4227,
-69.9969

■ 81.6720, 84.4647,
-71.6263

■ 102.6810, 74.1073,
-62.8642

■ 120.4340, 65.3550,
-55.6316

■ 137.3010, 57.0396,
-48.4990

■ 154.1680, 48.7242,
-41.3663

■ 171.3340, 40.2613,
-33.6189

■ 188.7880, 31.6565,
-27.0011

■ 205.6550, 23.3411,
-19.8684

■ 222.5220, 15.0257,
-12.7358

■ 240.2750, 6.2734,
-5.5032

Harmonies

Analogous

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



101.8580, 75.4990, -89.3295



85.8140, 82.4227, -69.9969



92.6760, 52.4177, 80.9681

Triad

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



85.8140, 82.4227, -69.9969



94.1340, -46.4081, 91.9675



91.0210, 0.9756, -79.8254

Complementary

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



85.8140, 82.4227, -69.9969



173.1860, -82.4227, 69.9969

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.



78.0710, -38.4890, -68.4683



85.8140, 82.4227, -69.9969



102.6310, -50.5971, 35.4036

Square

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



85.8140, 82.4227, -69.9969



74.9540, -12.7953, 137.7293



91.9350, -45.3240, -22.7450



101.4290, 35.7775, -88.9532

Rectangle

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



85.8140, 82.4227, -69.9969



83.5920, 33.2321, 121.3838



91.9350, -45.3240, -22.7450



87.2420, -10.9653, -76.5112

Sweetspot

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



85.8140, 82.4227, -69.9969



204.6980, 24.7989, -20.7831



168.7730, -3.3391, -142.7519



97.5220, 15.0257, -12.7358



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.



85.8140, 82.4227, -69.9969



82.4870, 85.0489, -72.3411



44.0250, 103.0247, -4.4069



118.8300, 4.5208, -3.3589



61.6900, 63.7498, -54.1021



20.7970, 21.2991, -18.2390

Inverse Universe

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



89.8850, 2.0287, 143.0519



86.6190, 2.1598, 147.6701



214.9750, -103.0247, 4.4069



119.3430, -0.1691, 7.5922



64.8610, 1.5475, 110.6239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 85.8140, 82.4227, -69.9969 looks on a white background.

Color Contrast Check

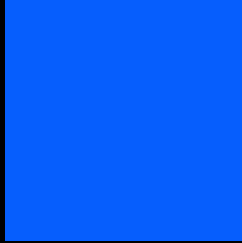
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.8140, 82.4227, -69.9969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

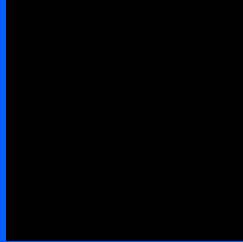
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.8140, 82.4227, -69.9969

Background



This preview shows how black text looks on a background with the YUV color 85.8140, 82.4227, -69.9969.



This preview shows how white text looks on a background with the YUV color 85.8140, 82.4227, -69.9969.

-69.9969.

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

85.8140, 82.4227, -69.9969

Protanopia

86.0140, 65.5621, -75.4343

Deuteranopia

86.5890, 49.9956, -75.9386



Tritanopia

84.8040, 20.3096, -74.3731

Trichromacy



Original Color

85.8140, 82.4227, -69.9969

Protanomaly

85.6320, 71.6664, -73.3453

Deuteranomaly

86.4010, 61.9203, -74.0197

Tritanomaly

85.3630, 42.7120, -73.1094

Monochromacy



Original Color

85.8140, 82.4227, -69.9969

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0440, 30.0513, -25.4716

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8140, 82.4227, -69.9969 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(6, 94, 253)` looks like.

```
.text, #text, p{  
    color:rgb(6, 94, 253)  
}
```

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(6, 94, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 94, 253) }
```

Border

The CSS property to change the border of an element to YUV 85.8140, 82.4227, -69.9969 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(6, 94, 253) }
```


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

```
.border{ border-color:rgb(6, 94, 253) }
```

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

Here you see how a box with a 4 pixel rgb(6, 94, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 94, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 94, 253);  
box-shadow:4px 4px 4px 4px rgb(6, 94, 253)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.8140, 82.4227, -69.9969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 94, 253) }
```

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

```
.background{ background-color: rgb(6, 94,  
253) }
```

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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