

Converting Colors

YUV(33.8600, 69.5820,
-11.2782)

Have a look what the booklet for
YUV(33.8600, 69.5820, -11.2782)
contains.

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Color

**YUV(33.8600, 69.5820,
-11.2782)**

Conversions

Conversions Part 1

Format	Color
Hex	150DAF
RGB	21, 13, 175
RGB Percent	8%, 5%, 69%
CMY	0.9176, 0.9490, 0.3137
CMYK	0.88, 0.93, 0.00, 0.31
HSL	243°, 86%, 37%
HSV	243°, 93%, 69%
XYZ	8.1910, 3.5424, 40.8095
YIQ	33.8600, -47.2340, 52.0780

Conversions

Conversions Part 2

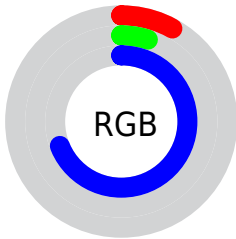
Format	Color
R_{YB}	21, 13, 175
Decimal	1379759
CIE _{Lab}	22.10, 56.64, -78.51
CIE _{LCh}	22, 96.814, 305.807
Yxy	3.5424, 0.1559, 0.0674
Android (android.graphics.Color)	4279569839 (0xFF150DAF)
YUV	33.8600, 69.5820, -11.2782
Hunter-Lab	18.8213, 44.7459, -115.3811

Details

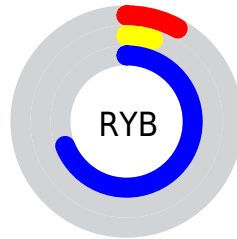
The YUV color **33.8600, 69.5820, -11.2782** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **154.1400, -69.5820, 11.2782**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.6880, 67.2018, 5.5356**, and **13.7940, 52.8526, -12.0973** is the 20% darker color. If you saturate the color by 10%, you get **22.6410, 75.1130, -11.9632**, and if you desaturate by 10%, it is **49.5090, 61.8671, -10.0934**.

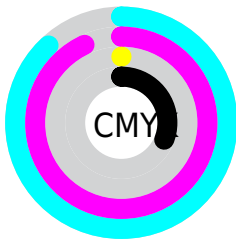
Distribution



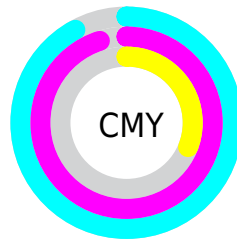
- Red (8%)
- Green (5%)
- Blue (69%)



- Red (8%)
- Yellow (5%)
- Blue (69%)



- Cyan (88%)
- Magenta (93%)
- Yellow (0%)
- Black (31%)



- Cyan (92%)
- Magenta (95%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.8600, 69.5820, -11.2782 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 33.8600, 69.5820, -11.2782 by changing the saturation by 10% instead.

■ 33.8600, 69.5820,
-11.2782

■ 33.8600, 69.5820,
-11.2782

■ 255.0000, 0.0000,
0.0000

■ 16.7580, 64.2093,
-14.6968

■ 95.6880, 67.2018,
5.5356

■ 13.7940, 52.8526,
-12.0973

■ 122.5530, 65.2964,
10.0390

■ 10.8300, 41.4958,
-9.4979

■ 146.7850, 53.3500,
15.0976

■ 12.6760, 28.2607,
-11.1169

■ 171.9030, 40.9668,
20.2561

■ 7.7060, 19.3719,
-6.7582

■ 196.7220, 28.7311,
24.7998

■ 3.4370, 10.6306,
-3.0142

■ 222.1280, 16.2059,

■ 0.0000, 0.0000,

28.8287

0.0000

239.1510, 7.8136,
13.8996

33.8600, 69.5820,
-11.2782

33.8600, 69.5820,
-11.2782

22.6410, 75.1130,
-11.9632

49.5090, 61.8671,
-10.0934

64.2720, 54.5889,
-9.0085

79.9210, 46.8739,
-7.8237

94.9830, 39.4484,
-6.1241

110.3330, 31.8808,
-5.5540

■ 125.3950, 24.4553,
-3.8544

■ 140.7450, 16.8877,
-3.2844

■ 155.8070, 9.4621,
-1.5847

■ 171.4560, 1.7472,
-0.3999

Harmonies

Analogous

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



60.8240, 70.5858, -53.3426



33.8600, 69.5820, -11.2782



54.8560, 29.1580, 74.6713

Triad

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



33.8600, 69.5820, -11.2782



40.2220, -19.8294, 60.3183



50.9620, 7.4137, -44.6937

Complementary

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



33.8600, 69.5820, -11.2782



154.1400, -69.5820, 11.2782

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.



42.2640, -20.8362, -37.0655



33.8600, 69.5820, -11.2782



49.0180, -24.1659, 4.3692

Square

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



33.8600, 69.5820, -11.2782



44.2520, -21.8162, 90.9870



39.9160, -19.6786, -35.0063



60.4580, 38.7212, -53.0217

Rectangle

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



33.8600, 69.5820, -11.2782



55.7770, 5.5329, 92.2806



39.9160, -19.6786, -35.0063



48.1120, -3.5062, -42.1942

Sweetspot

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



33.8600, 69.5820, -11.2782



171.4920, 27.3654, -3.9395



123.6270, 25.3269, -97.0199



81.0440, 16.7403, -2.6696



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.8600, 69.5820, -11.2782



29.1670, 97.5317, -15.9325



57.1820, 58.0843, 36.6744



79.0260, 3.9312, -0.8998



19.1930, 64.4879, -10.6933



2.9210, 9.8989, -1.6847

Inverse Universe

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



78.9940, 43.3870, 84.1973



92.4970, 60.8870, 117.9591



130.8180, -58.0843, -36.6744



81.6030, 2.1677, 4.7332



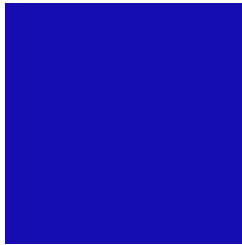
61.1520, 40.3511, 77.9197



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 33.8600, 69.5820, -11.2782 looks on a white background.

Color Contrast Check

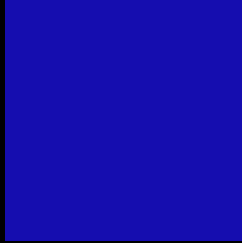
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 33.8600, 69.5820, -11.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

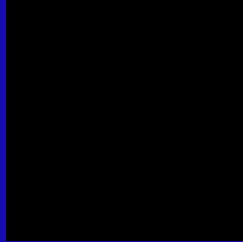
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.8600, 69.5820, -11.2782

Background



This preview shows how black text looks on a background with the YUV color 33.8600, 69.5820, -11.2782.



This preview shows how white text looks on a background with the YUV color 33.8600, 69.5820, -11.2782.

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

33.8600, 69.5820, -11.2782

Protanopia

43.6510, 32.7101, -38.2819

Deuteranopia

43.4740, 24.4163, -38.1267



Tritanopia

42.4020, 10.1548, -37.1866

Trichromacy



Original Color

33.8600, 69.5820, -11.2782

Protanomaly

39.9740, 46.3548, -28.0412

Deuteranomaly

39.8940, 40.9713, -27.9710

Tritanomaly

39.4890, 31.8039, -27.6159

Monochromacy



Original Color

33.8600, 69.5820, -11.2782

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.6230, 25.3289, -4.0544

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.8600, 69.5820, -11.2782 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(21, 13, 175)` looks like.

```
.text, #text, p{  
    color:rgb(21, 13, 175)  
}
```

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(21, 13, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 13, 175) }
```

Border

The CSS property to change the border of an element to YUV 33.8600, 69.5820, -11.2782 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(21, 13, 175) }
```


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

```
.border{ border-color:rgb(21, 13, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 13, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 13, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 13, 175);  
box-shadow:4px 4px 4px 4px rgb(21, 13,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 33.8600, 69.5820, -11.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 13, 175) }
```

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

```
.background{ background-color: rgb(21, 13,  
175) }
```

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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