

Converting Colors

YUV(33.1940, 83.2214, 0.7069)

Have a look what the booklet for
YUV(33.1940, 83.2214, 0.7069)
contains.

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Color

**YUV(33.1940, 83.2214,
0.7069)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2200CA |
| RGB | 34, 0, 202 |
| RGB Percent | 13%, 0%, 79% |
| CMY | 0.8667, 1.0000, 0.2078 |
| CMYK | 0.83, 1.00, 0.00, 0.21 |
| HSL | 250°, 100%, 40% |
| HSV | 250°, 100%, 79% |
| XYZ | 11.3204, 4.6043, 56.1692 |
| YIQ | 33.1940, -44.5780, 70.0300 |

Conversions

Conversions Part 2

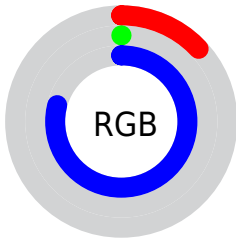
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 34, 0, 202 |
| Decimal | 2228426 |
| CIE Lab | 25.58, 66.80, -88.72 |
| CIE LCh | 26, 111.053, 306.976 |
| Yxy | 4.6043, 0.1570, 0.0639 |
| Android (android.graphics.Color) | 4280418506 (0xFF2200CA) |
| YUV | 33.1940, 83.2214, 0.7069 |
| Hunter-Lab | 21.4577, 56.6193, -140.1809 |

Details

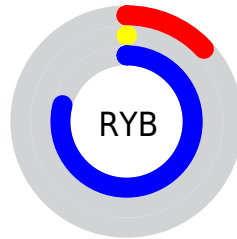
The YUV color **33.1940, 83.2214, 0.7069** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **168.8060, -83.2214, -0.7069**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.6100, 75.6213, 11.7430**, and **16.6440, 63.7725, -14.5968** is the 20% darker color. If you saturate the color by 10%, you get **33.1940, 83.2214, 0.7069**, and if you desaturate by 10%, it is **50.0170, 74.9276, 0.8621**.

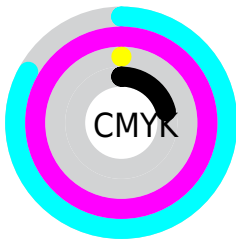
Distribution



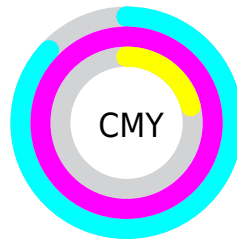
- Red (13%)
- Green (0%)
- Blue (79%)



- Red (13%)
- Yellow (0%)
- Blue (79%)



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (21%)



- Cyan (87%)
- Magenta (100%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.1940, 83.2214, 0.7069 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 33.1940, 83.2214, 0.7069 by changing the saturation by 10% instead.

■ 33.1940, 83.2214,
0.7069

■ 33.1940, 83.2214,
0.7069

■ 255.0000, 0.0000,
0.0000

■ 19.8360, 76.0029,
-17.3962

■ 101.6100, 75.6213,
11.7430

■ 16.6440, 63.7725,
-14.5968

■ 126.4400, 63.3801,
18.0311

■ 13.5660, 51.9790,
-11.8974

■ 151.8570, 50.8495,
23.8044

■ 17.0590, 37.4389,
-14.9607

■ 177.2740, 38.3189,
29.5777

■ 12.5620, 27.8239,
-11.0169

■ 202.9790, 25.6464,
34.2214

■ 6.8910, 18.7877,
-6.0434

■ 223.3020, 15.6271,


■ 3.3230, 10.1938,


27.7991


-2.9143


 240.3250, 7.2348,
12.8700

 0.0000, 0.0000,
0.0000


 33.1940, 83.2214,
0.7069

 50.0170, 74.9276,
0.8621

 66.8400, 66.6339,
1.0173

 83.9510, 58.1982,
0.0430

 100.7740, 49.9044,
0.1982

 117.5970, 41.6107,
0.3534

■ 134.4200, 33.3169,
0.5087

■ 151.2430, 25.0232,
0.6639

■ 168.3540, 16.5875,
-0.3105

■ 185.1770, 8.2937,
-0.1552

Harmonies

Analogous

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



70.6840, 82.9798, -61.9899



33.1940, 83.2214, 0.7069



64.0410, 32.0248, 88.5410

Triad

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



33.1940, 83.2214, 0.7069



46.4680, -22.9087, 67.9956



59.0150, 10.3456, -51.7562

Complementary

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



33.1940, 83.2214, 0.7069



168.8060, -83.2214, -0.7069

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.



48.1340, -23.7301, -42.2135



33.1940, 83.2214, 0.7069



55.1980, -27.2126, 1.5804

Square

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



33.1940, 83.2214, 0.7069



50.8300, -25.0592, 104.5121



45.7860, -22.5725, -40.1543



69.7650, 46.4579, -61.1839

Rectangle

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



33.1940, 83.2214, 0.7069



64.3490, 4.7579, 107.5649



45.7860, -22.5725, -40.1543



55.0080, -2.4689, -48.2420

Sweetspot

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



33.1940, 83.2214, 0.7069



191.2520, 31.4278, -0.2210



121.6440, 39.6155, -106.6818



89.3370, 19.0609, -0.2955



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.



33.1940, 83.2214, 0.7069



41.9270, 105.0450, 0.9410



63.3930, 68.3333, 62.7993



93.7380, 4.0732, 0.2298



27.2960, 68.3811, 0.6174



6.1260, 15.7139, -0.1105

Inverse Universe

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



79.5500, 43.6059, 107.3886



100.4130, 55.0124, 135.5728



138.6070, -68.3333, -62.7993



95.9020, 2.0203, 5.3479



65.3660, 35.8086, 88.2560



15.0100, 8.3761, 20.1622

Previews

White Background



This preview shows how the YUV color 33.1940, 83.2214, 0.7069 looks on a white background.

Color Contrast Check

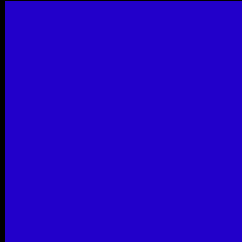
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1940, 83.2214, 0.7069 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 33.1940, 83.2214, 0.7069

Background



This preview shows how black text looks on a background with the YUV color 33.1940, 83.2214, 0.7069.



This preview shows how white text looks on a background with the YUV color 33.1940, 83.2214,

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



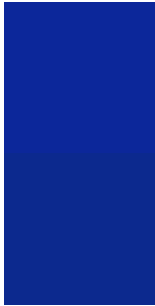
Protanopia

50.2850, 37.8205, -44.0999

Deuteranopia

50.4670, 28.3638, -44.2596

Trichromacy



Protanomaly

44.0370, 54.2118, -28.0964

Deuteranomaly

43.8430, 48.3914, -27.9263

Monochromacy



Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9100, 30.1174, 0.0789

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.1940, 83.2214, 0.7069 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(34, 0, 202)` looks like.

```
.text, #text, p{  
    color:rgb(34, 0, 202)  
}
```

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(34, 0, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 0, 202) }
```

Border

The CSS property to change the border of an element to YUV 33.1940, 83.2214, 0.7069 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(34, 0, 202) }
```

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

```
.border{ border-color:rgb(34, 0, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 0, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 0, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 0, 202);  
box-shadow:4px 4px 4px 4px rgb(34, 0, 202)  
}
```


Background

The CSS property to change the background color of an element to YUV 33.1940, 83.2214, 0.7069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 0, 202) }
```

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

```
.background{ background-color: rgb(34, 0,  
202) }
```

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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