

Converting Colors

YUV(71.9250, 67.5780,
-21.8592)

Have a look what the booklet for
YUV(71.9250, 67.5780, -21.8592)
contains.

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Color

**YUV(71.9250, 67.5780,
-21.8592)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3AD1
RGB	47, 58, 209
RGB Percent	18%, 23%, 82%
CMY	0.8157, 0.7725, 0.1804
CMYK	0.78, 0.72, 0.00, 0.18
HSL	236°, 64%, 50%
HSV	236°, 78%, 82%
XYZ	14.1940, 8.2339, 61.1628
YIQ	71.9250, -55.0270, 44.6290

Conversions

Conversions Part 2

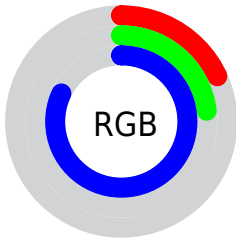
Format	Color
R_{YB}	47, 57, 209
Decimal	3095249
CIE _{Lab}	34.47, 47.75, -78.01
CIE _{LCh}	34, 91.465, 301.470
Yxy	8.2339, 0.1698, 0.0985
Android (android.graphics.Color)	4281285329 (0xFF2F3AD1)
YUV	71.9250, 67.5780, -21.8592
Hunter-Lab	28.6948, 38.0798, -106.2901

Details

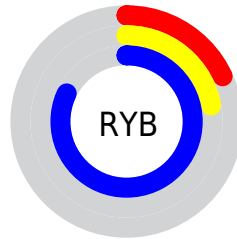
The YUV color **71.9250, 67.5780, -21.8592** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **184.0750, -67.5780, 21.8592**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1720, 63.0192, -6.2898**, and **25.6600, 62.7786, -22.5038** is the 20% darker color. If you saturate the color by 10%, you get **54.4930, 76.1720, -24.9884**, and if you desaturate by 10%, it is **89.3570, 58.9840, -18.7301**.

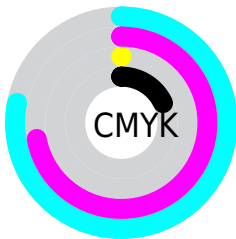
Distribution



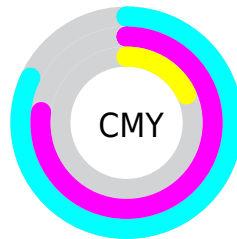
- Red (18%)
- Green (23%)
- Blue (82%)



- Red (18%)
- Yellow (22%)
- Blue (82%)



- Cyan (78%)
- Magenta (72%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (77%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9250, 67.5780, -21.8592 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 71.9250, 67.5780, -21.8592 by changing the saturation by 10% instead.

■ 71.9250, 67.5780,
-21.8592

■ 71.9250, 67.5780,
-21.8592

■ 255.0000, 0.0000,
0.0000

■ 41.1790, 68.9318,
-36.1140

■ 127.1720, 63.0192,
-6.2898

■ 25.6600, 62.7786,
-22.5038

■ 151.7030, 50.9254,
-0.6165

■ 14.3640, 55.0365,
-12.5972

■ 176.8210, 38.5422,
4.5420

■ 11.4000, 43.6798,
-9.9978

■ 201.9390, 26.1591,
9.7005

■ 13.8330, 30.1553,
-12.1315

■ 227.6440, 13.4865,
14.3442

■ 8.1620, 21.1191,
-7.1581

■ 247.3690, 3.7621,

■ 4.4800, 12.0884,

6.6924

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 71.9250, 67.5780,
-21.8592

■ 71.9250, 67.5780,
-21.8592

■ 54.4930, 76.1720,
-24.9884

■ 89.3570, 58.9840,
-18.7301

■ 36.4740, 85.0553,
-27.6027

■ 107.3760, 50.1006,
-16.1158

■ 32.0440, 87.2393,
-28.1026

■ 124.8080, 41.5067,
-12.9866

■ 142.8270, 32.6233,
-10.3723

■ 159.9600, 24.1767,
-7.8579

■ 177.9790, 15.2934,
-5.2436

■ 195.4110, 6.6994,
-2.1144

■ 213.4300, -2.1840,
0.4999

■ 230.8620,
-10.7780, 3.6290

Harmonies

Analogous

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



81.0390, 74.4238, -71.0712



71.9250, 67.5780, -21.8592



66.3640, 42.2185, 85.6268

Triad

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



71.9250, 67.5780, -21.8592



70.1020, -34.5603, 71.8245



71.6840, 5.5788, -62.8669

Complementary

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



71.9250, 67.5780, -21.8592



184.0750, -67.5780, 21.8592

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.



60.4610, -29.8073, -53.0243



71.9250, 67.5780, -21.8592



75.9630, -37.4498, 18.4494

Square

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



71.9250, 67.5780, -21.8592



57.2380, -23.7813, 114.6783



56.9390, -28.0709, -49.9355



80.7070, 37.6124, -70.7800

Rectangle

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



71.9250, 67.5780, -21.8592



69.3780, 17.5616, 107.5395



56.9390, -28.0709, -49.9355



68.1330, -5.4886, -59.7526

Sweetspot

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



71.9250, 67.5780, -21.8592



205.0740, 24.6135, -7.9579



158.9660, 17.7648, -98.1942



97.2780, 15.1459, -4.6288



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.



71.9250, 67.5780, -21.8592



54.4100, 98.8909, -31.9316



85.8000, 60.7376, 25.6084



95.8410, 4.5154, -1.6146



25.6090, 70.1988, -22.4591



6.4350, 17.0405, -5.6435

Inverse Universe

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



96.6920, -19.0752, 98.4941



90.6870, -27.9467, 144.1025



170.4990, -60.8850, -24.9936



97.4030, -1.1847, 6.6626



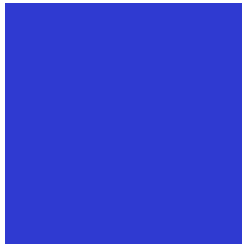
51.4860, -19.9596, 102.1828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 71.9250, 67.5780, -21.8592 looks on a white background.

Color Contrast Check

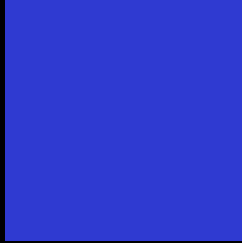
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.9250, 67.5780, -21.8592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

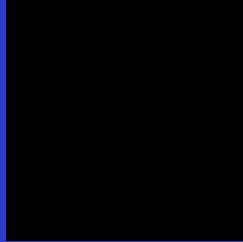
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.9250, 67.5780, -21.8592

Background



This preview shows how black text looks on a background with the YUV color 71.9250, 67.5780, -21.8592.



This preview shows how white text looks on a background with the YUV color 71.9250, 67.5780, -21.8592.

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

71.9250, 67.5780, -21.8592

Deuteranopia

64.6810, 37.1323, -56.7252

Tritanopia

63.0730, 15.7400, -55.3150

Trichromacy



Original Color

71.9250, 67.5780, -21.8592

Deuteranomaly

67.3310, 48.1508, -44.1403

Tritanomaly

66.3730, 34.3261, -43.3001

Monochromacy



Original Color

71.9250, 67.5780, -21.8592

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0740, 24.6135, -7.9579

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9250, 67.5780, -21.8592 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(47, 58, 209)` looks like.

```
.text, #text, p{  
    color:rgb(47, 58, 209)  
}
```

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(47, 58, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 58, 209) }
```

Border

The CSS property to change the border of an element to YUV 71.9250, 67.5780, -21.8592 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(47, 58, 209) }
```

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

```
.border{ border-color:rgb(47, 58, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 58, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 58, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 58, 209);  
box-shadow:4px 4px 4px 4px rgb(47, 58,  
209) }
```


Background

The CSS property to change the background color of an element to YUV 71.9250, 67.5780, -21.8592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 58, 209) }
```

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

```
.background{ background-color: rgb(47, 58,  
209) }
```

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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