

# Converting Colors

YUV(91.3040, 72.8141,  
-21.3146)

Have a look what the booklet for  
YUV(91.3040, 72.8141, -21.3146)  
contains.

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# Color

**YUV(91.3040, 72.8141,  
-21.3146)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	434BEF
RGB	67, 75, 239
RGB Percent	26%, 29%, 94%
CMY	0.7373, 0.7059, 0.0627
CMYK	0.72, 0.69, 0.00, 0.06
HSL	237°, 84%, 60%
HSV	237°, 72%, 94%
XYZ	20.4108, 12.4574, 82.9901
YIQ	91.3040, -57.4120, 49.3080

# Conversions

## Conversions Part 2

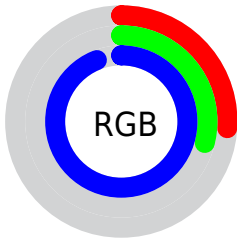
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	67, 75, 239
Decimal	4410351
CIE Lab	41.93, 49.70, -82.81
CIE LCh	42, 96.576, 300.973
Yxy	12.4574, 0.1762, 0.1075
Android (android.graphics.Color)	4282600431 (0xFF434BEF)
YUV	91.3040, 72.8141, -21.3146
Hunter-Lab	35.2951, 41.4583, -114.7033

# Details

The YUV color **91.3040, 72.8141, -21.3146** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **214.6960, -72.8141, 21.3146**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4080, 55.0149, -5.6198**, and **37.7710, 71.1049, -33.1252** is the 20% darker color. If you saturate the color by 10%, you get **70.6270, 83.0079, -24.2289**, and if you desaturate by 10%, it is **111.9810, 62.6204, -18.4003**.

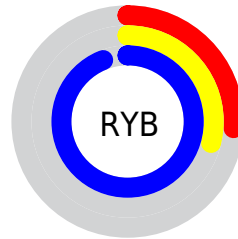
# Distribution



Red (26%)

Green (29%)

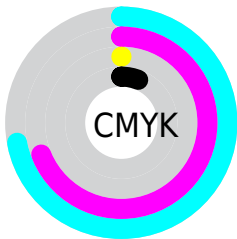
Blue (94%)



Red (26%)

Yellow (29%)

Blue (94%)

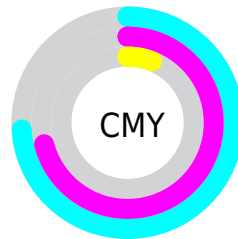


Cyan (72%)

Magenta (69%)

Yellow (0%)

Black (6%)



Cyan (74%)

Magenta (71%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 91.3040, 72.8141, -21.3146 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 91.3040, 72.8141, -21.3146 by changing the saturation by 10% instead.



■ 91.3040, 72.8141,  
-21.3146

■ 91.3040, 72.8141,  
-21.3146

255.0000, 0.0000,  
0.0000

■ 54.4640, 76.6792,  
-47.7649

■ 143.4080, 55.0149,  
-5.6198

■ 37.7710, 71.1049,  
-33.1252

■ 168.2380, 42.7737,  
0.6683

■ 22.8390, 64.6624,  
-20.0298

■ 193.6550, 30.2431,  
6.4416

■ 14.4780, 55.4733,  
-12.6972

■ 219.3600, 17.5705,  
11.0853

■ 14.4490, 42.6696,  
-12.6718

■ 242.6730, 6.0772,  
10.8108

■ 13.9470, 30.5921,  
-12.2315

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,  
-4.0289

■ 0.0000, 0.0000,  
0.0000

■ 91.3040, 72.8141,  
-21.3146

■ 91.3040, 72.8141,  
-21.3146

■ 70.6270, 83.0079,  
-24.2289

■ 111.9810, 62.6204,  
-18.4003

■ 49.9500, 93.2017,  
-27.1432

■ 132.6580, 52.4266,  
-15.4861

■ 33.7030, 101.2114,  
-29.5575

■ 152.7480, 42.5222,  
-12.0570

■ 173.4250, 32.3285,  
-9.1427

■ 193.8030, 22.2821,  
-6.8432

■ 214.4800, 12.0884,  
-3.9290

■ 235.1570, 1.8946,  
-1.0147

■ 253.1760, -6.9888,  
1.5996

# Harmonies

## Analogous

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



94.2270, 79.2611, -82.6371



91.3040, 72.8141, -21.3146



77.1020, 49.7427, 99.0115

# Triad

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



91.3040, 72.8141, -21.3146



86.9800, -42.8811, 80.7015



85.9490, 6.9271, -75.3773

# Complementary

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



91.3040, 72.8141, -21.3146



214.6960, -72.8141, 21.3146

# 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.



72.7880, -35.8845, -63.8351



91.3040, 72.8141, -21.3146



93.1070, -45.9018, 22.7082

# Square

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



91.3040, 72.8141, -21.3146



68.1030, -22.2358, 132.3367



73.1750, -36.0753, -49.2655



96.2430, 41.2922, -84.4051



# Rectangle

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



91.3040, 72.8141, -21.3146



80.2580, 23.0438, 122.5537



73.1750, -36.0753, -49.2655



82.0560, -5.4506, -71.9631

# Sweetspot

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



91.3040, 72.8141, -21.3146



207.1450, 23.5925, -7.1432



186.5460, 21.4228, -104.8418



99.0500, 14.2724, -4.4288



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.



91.3040, 72.8141, -21.3146



66.8360, 92.7649, -27.0432



109.6310, 63.7789, 30.1416



109.3680, 5.2416, -1.1997



26.2590, 77.7663, -23.0291



8.1450, 23.5925, -7.1432



# Inverse Universe

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



119.3400, -21.8596, 104.9418



102.6210, -27.9142, 133.6364



196.3690, -63.7789, -30.1416



111.5880, -1.7689, 7.3773



56.0420, -23.1917, 112.2192

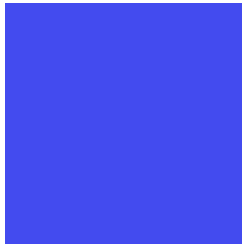


17.0860, -6.9444, 34.1276



# Previews

## White Background



This preview shows how the YUV color 91.3040, 72.8141, -21.3146 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

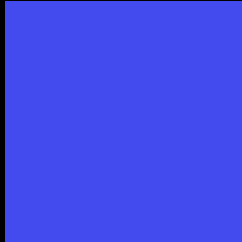
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 91.3040, 72.8141, -21.3146 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 91.3040, 72.8141, -21.3146

## Background



This preview shows how black text looks on a background with the YUV color 91.3040, 72.8141, -21.3146.



This preview shows how white text looks on a background with the YUV color 91.3040, 72.8141, -21.3146.



# 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

91.3040, 72.8141, -21.3146

### Protanopia

78.5650, 59.8675, -68.9015

### Deuteranopia

78.7810, 45.4640, -69.0909



## Tritanopia

77.2070, 19.1249, -67.7105

# Trichromacy



## Original Color

91.3040, 72.8141, -21.3146

## Protanomaly

83.2280, 64.4706, -51.9430

## Deuteranomaly

83.5240, 55.4507, -52.2025

## Tritanomaly

82.4690, 38.7158, -51.2773

# Monochromacy



## Original Color

91.3040, 72.8141, -21.3146

## Achromatopsia

91.0000, 0.0000, 0.0000

## Achromatomaly

90.9430, 26.6501, -7.8430

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 91.3040, 72.8141, -21.3146 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(67, 75, 239)` looks like.

```
.text, #text, p{  
    color:rgb(67, 75, 239)  
}
```

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(67, 75, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 75, 239) }
```

## Border

The CSS property to change the border of an element to YUV 91.3040, 72.8141, -21.3146 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(67, 75, 239) }
```



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

```
.border{ border-color:rgb(67, 75, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 75, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 75, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 75, 239);  
box-shadow:4px 4px 4px 4px rgb(67, 75,  
239) }
```

# Background

The CSS property to change the background color of an element to YUV 91.3040, 72.8141, -21.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 75, 239) }
```

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

```
.background{ background-color: rgb(67, 75,  
239) }
```

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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