

Converting Colors

YUV(97.3910, 70.7992,
-28.4069)

Have a look what the booklet for
YUV(97.3910, 70.7992, -28.4069)
contains.

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Color

**YUV(97.3910, 70.7992,
-28.4069)**

Conversions

Conversions Part 1

Format	Color
Hex	4156F1
RGB	65, 86, 241
RGB Percent	25%, 34%, 95%
CMY	0.7451, 0.6627, 0.0549
CMYK	0.73, 0.64, 0.00, 0.05
HSL	233°, 86%, 60%
HSV	233°, 73%, 95%
XYZ	21.3849, 14.1303, 84.8194
YIQ	97.3910, -62.2710, 43.7530

Conversions

Conversions Part 2

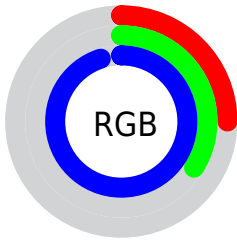
Format	Color
RYB	65, 84, 241
Decimal	4282097
CIELab	44.42, 43.68, -79.85
CIELCh	44, 91.019, 298.679
Yxy	14.1303, 0.1777, 0.1174
Android (android.graphics.Color)	4282472177 (0xFF4156F1)
YUV	97.3910, 70.7992, -28.4069
Hunter-Lab	37.5902, 35.7650, -107.4700

Details

The YUV color **97.3910, 70.7992, -28.4069** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed blue. A complement of this color would be **208.6090, -70.7992, 28.4069**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5660, 51.9790, -11.8974**, and **45.0430, 68.5058, -39.5027** is the 20% darker color. If you saturate the color by 10%, you get **77.8880, 80.4142, -32.3508**, and if you desaturate by 10%, it is **116.8940, 61.1843, -24.4630**.

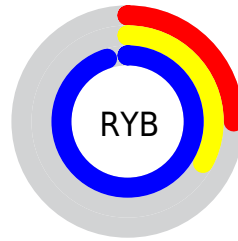
Distribution



Red (25%)

Green (34%)

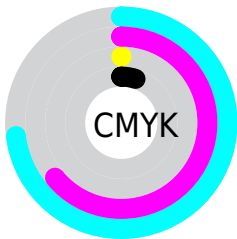
Blue (95%)



Red (25%)

Yellow (33%)

Blue (95%)

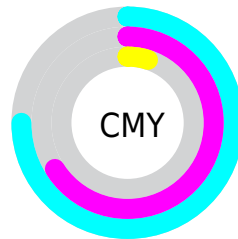


Cyan (73%)

Magenta (64%)

Yellow (0%)

Black (5%)



Cyan (75%)

Magenta (66%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.3910, 70.7992, -28.4069 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 97.3910, 70.7992, -28.4069 by changing the saturation by 10% instead.

■ 97.3910, 70.7992,
-28.4069

■ 97.3910, 70.7992,
-28.4069

■ 255.0000, 0.0000,
0.0000

■ 61.1490, 74.3695,
-53.6277

■ 149.5660, 51.9790,
-11.8974

■ 45.0430, 68.5058,
-39.5027

■ 174.3960, 39.7378,
-5.6093

■ 30.1110, 62.0633,
-26.4073

■ 199.5140, 27.3546,
-0.4508

■ 16.4670, 55.4788,
-14.4416

■ 225.2190, 14.6820,
4.1929

■ 12.9160, 44.4114,
-11.3273

■ 249.7170, 2.6045,
4.6332

■ 14.7620, 31.1763,
-12.9463

■ 9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 97.3910, 70.7992,
-28.4069

■ 97.3910, 70.7992,
-28.4069

■ 77.8880, 80.4142,
-32.3508

■ 116.8940, 61.1843,
-24.4630

■ 58.3850, 90.0292,
-36.2946

■ 136.3970, 51.5693,
-20.5192

■ 44.4970, 96.8760,
-39.0239

■ 156.4870, 41.6649,
-17.0901

■ 175.9900, 32.0499,
-13.1462

■ 195.7920, 22.2875,
-8.5876

■ 215.2950, 12.6726,
-4.6437

■ 235.3850, 2.7682,
-1.2146

■ 253.4040, -6.1152,
1.3997

Harmonies

Analogous

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



98.3360, 77.2354, -86.2407



97.3910, 70.7992, -28.4069



77.3020, 53.0951, 97.0821

Triad

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



97.3910, 70.7992, -28.4069



93.1930, -45.9441, 83.1457



89.4710, 5.1908, -78.4661

Complementary

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



97.3910, 70.7992, -28.4069



208.6090, -70.7992, 28.4069

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.



75.8370, -36.8946, -66.5090



97.3910, 70.7992, -28.4069



99.0430, -48.8282, 28.0263

Square

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



97.3910, 70.7992, -28.4069



71.0090, -16.2734, 133.2961



86.2760, -42.5341, -30.9371



98.8360, 38.5349, -86.6792

Rectangle

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



97.3910, 70.7992, -28.4069



81.3980, 27.4118, 121.5540



86.2760, -42.5341, -30.9371



85.8060, -6.3134, -75.2519

Sweetspot

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



97.3910, 70.7992, -28.4069



209.4930, 22.4350, -9.2024



185.7540, 15.8973, -105.9013



100.2240, 13.6936, -5.4584



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.



97.3910, 70.7992, -28.4069



71.7980, 90.3186, -35.7798



104.4990, 67.2950, 22.3644



109.9550, 4.9522, -1.7145



33.8900, 74.0042, -29.7215



10.4930, 22.4350, -9.2024

Inverse Universe

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



120.0180, -16.7709, 106.1012



100.9400, -21.6624, 135.1106



201.5010, -67.2950, -22.3644



111.7020, -1.3321, 7.2773



57.5240, -17.5133, 110.9195



17.5420, -5.1972, 33.7277

Previews

White Background



This preview shows how the YUV color 97.3910, 70.7992, -28.4069 looks on a white background.

Color Contrast Check

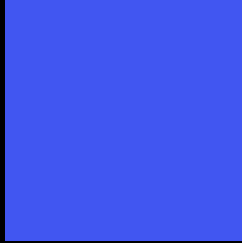
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.3910, 70.7992, -28.4069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

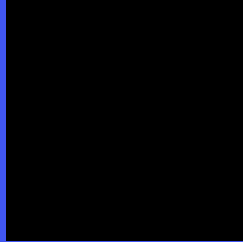
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.3910, 70.7992, -28.4069

Background



This preview shows how black text looks on a background with the YUV color 97.3910, 70.7992, -28.4069.



This preview shows how white text looks on a background with the YUV color 97.3910, 70.7992,

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

97.3910, 70.7992, -28.4069

Protanopia

82.8680, 63.6621, -72.6752

Deuteranopia

83.5570, 48.5324, -73.2795



Tritanopia

82.1140, 20.1568, -72.0140

Trichromacy



Original Color

97.3910, 70.7992, -28.4069

Protanomaly

88.3630, 66.3760, -56.4464

Deuteranomaly

88.4310, 56.4825, -56.5060

Tritanomaly

87.7350, 38.5846, -55.8956

Monochromacy



Original Color

97.3910, 70.7992, -28.4069

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9920, 25.6399, -10.5170

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3910, 70.7992, -28.4069 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(65, 86, 241)` looks like.

```
.text, #text, p{  
    color:rgb(65, 86, 241)  
}
```

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(65, 86, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 86, 241) }
```

Border

The CSS property to change the border of an element to YUV 97.3910, 70.7992, -28.4069 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(65, 86, 241) }
```


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

```
.border{ border-color:rgb(65, 86, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 86, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 86, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 86, 241);  
box-shadow:4px 4px 4px 4px rgb(65, 86,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 97.3910, 70.7992, -28.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 86, 241) }
```

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

```
.background{ background-color: rgb(65, 86,  
241) }
```

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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