

Converting Colors

YUV(93.8930, 73.0168, 7.1098)

Have a look what the booklet for
YUV(93.8930, 73.0168, 7.1098)
contains.

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Color

**YUV(93.8930, 73.0168,
7.1098)**

Conversions

Conversions Part 1

Format	Color
Hex	663DF2
RGB	102, 61, 242
RGB Percent	40%, 24%, 95%
CMY	0.6000, 0.7608, 0.0510
CMYK	0.58, 0.75, 0.00, 0.05
HSL	254°, 87%, 59%
HSV	254°, 75%, 95%
XYZ	23.1752, 12.5731, 85.2098
YIQ	93.8930, -33.6650, 64.9830

Conversions

Conversions Part 2

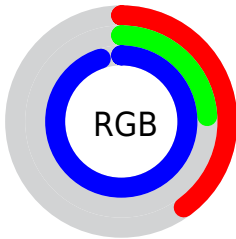
Format	Color
R _Y B	102, 61, 242
Decimal	6700530
CIE Lab	42.11, 61.88, -84.11
CIE LCh	42, 104.422, 306.342
Yxy	12.5731, 0.1916, 0.1039
Android (android.graphics.Color)	4284890610 (0xFF663DF2)
YUV	93.8930, 73.0168, 7.1098
Hunter-Lab	35.4585, 54.6129, -117.6578

Details

The YUV color **93.8930, 73.0168, 7.1098** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **209.1070, -73.0168, -7.1098**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.0350, 54.2127, 18.3863**, and **23.9550, 78.9022, -13.9925** is the 20% darker color. If you saturate the color by 10%, you get **74.1240, 82.7629, 7.7843**, and if you desaturate by 10%, it is **113.6620, 63.2706, 6.4354**.

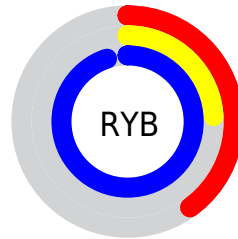
Distribution



Red (40%)

Green (24%)

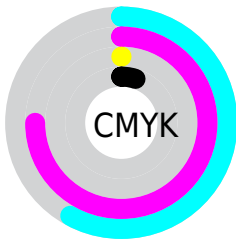
Blue (95%)



Red (40%)

Yellow (24%)

Blue (95%)

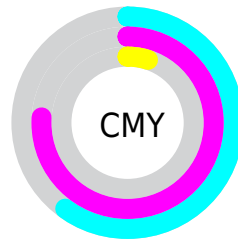


Cyan (58%)

Magenta (75%)

Yellow (0%)

Black (5%)



Cyan (60%)

Magenta (76%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.8930, 73.0168, 7.1098 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 93.8930, 73.0168, 7.1098 by changing the saturation by 10% instead.

93.8930, 73.0168,
7.1098

93.8930, 73.0168,
7.1098

255.0000, 0.0000,
0.0000

63.9740, 73.4698,
1.7768

145.0350, 54.2127,
18.3863

23.9550, 78.9022,
-13.9925

170.1530, 41.8296,
23.5448

17.8980, 68.5773,
-15.6965

195.2710, 29.4464,
28.7033

14.8200, 56.7837,
-12.9971

219.7800, 17.3635,
30.8879

11.7420, 44.9902,
-10.2977

236.8030, 8.9711,
15.9588

14.7620, 31.1763,
-12.9463

253.8260, 0.5788,

9.0910, 22.1401,

1.0296

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 93.8930, 73.0168,
7.1098

■ 93.8930, 73.0168,
7.1098

■ 74.1240, 82.7629,
7.7843

■ 113.6620, 63.2706,
6.4354

■ 54.6540, 92.3616,
9.0734

■ 133.1320, 53.6719,
5.1462

■ 44.0330, 97.5977,
9.6181

■ 153.4880, 43.6364,
3.9570

■ 173.2570, 33.8903,
3.2826

■ 193.0260, 24.1442,
2.6082

■ 212.4960, 14.5455,
1.3190

■ 232.2650, 4.7994,
0.6446

■ 252.6210, -5.2362,
-0.5446

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



92.4660, 80.1293, -81.0927



93.8930, 73.0168, 7.1098



81.6860, 44.0318, 110.7774

Triad

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



93.8930, 73.0168, 7.1098



89.5940, -44.1698, 74.0241



89.0610, 13.7739, -78.1065

Complementary

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



93.8930, 73.0168, 7.1098



209.1070, -73.0168, -7.1098

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.



75.5580, -30.3481, -66.2644



93.8930, 73.0168, 7.1098



92.1550, -45.4324, 12.1421

Square

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



93.8930, 73.0168, 7.1098



66.0790, -32.5769, 135.8657



70.4400, -34.7269, -61.7759



99.9250, 50.3230, -87.6342

Rectangle

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



93.8930, 73.0168, 7.1098



82.9620, 15.3017, 132.4603



70.4400, -34.7269, -61.7759



84.9400, 0.5226, -74.4924

Sweetspot

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



93.8930, 73.0168, 7.1098



209.2710, 22.5444, 2.3933



164.9880, 37.9669, -91.1975



100.2680, 13.6719, 1.5190



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.



93.8930, 73.0168, 7.1098



66.7680, 92.7984, 8.9735



120.5040, 59.8975, 61.8250



110.2650, 4.7994, 0.6446



33.5340, 74.1797, 7.4247



10.2710, 22.5444, 2.3933

Inverse Universe

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



131.0790, 34.4711, 97.2777



114.0620, 43.8464, 123.6026



182.4960, -59.8975, -61.8250



112.6140, 2.1623, 6.4775



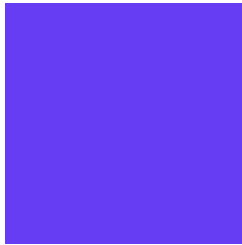
71.2040, 34.9024, 98.9221



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 93.8930, 73.0168, 7.1098 looks on a white background.

Color Contrast Check

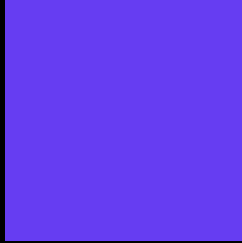
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.8930, 73.0168, 7.1098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

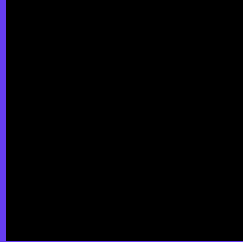
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.8930, 73.0168, 7.1098

Background



This preview shows how black text looks on a background with the YUV color 93.8930, 73.0168, 7.1098.



This preview shows how white text looks on a background with the YUV color 93.8930, 73.0168,

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

93.8930, 73.0168, 7.1098

Protanopia

78.6790, 60.3043, -69.0015

Deuteranopia

79.4820, 45.6114, -69.7057



Tritanopia

90.9830, 12.3334, -35.9421

Trichromacy



Original Color

93.8930, 73.0168, 7.1098

Protanomaly

84.4080, 64.8749, -41.5768

Deuteranomaly

84.5900, 55.4181, -41.7364

Tritanomaly

91.9290, 34.5450, -20.1087

Monochromacy



Original Color

93.8930, 73.0168, 7.1098

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0090, 26.6176, 2.6231

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8930, 73.0168, 7.1098 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(102, 61, 242)` looks like.

```
.text, #text, p{  
    color:rgb(102, 61, 242)  
}
```

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(102, 61, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 61, 242) }
```

Border

The CSS property to change the border of an element to YUV 93.8930, 73.0168, 7.1098 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(102, 61, 242) }
```


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

```
.border{ border-color:rgb(102, 61, 242) }
```

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

Here you see how a box with a 4 pixel rgb(102, 61, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 61, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 61, 242);  
box-shadow:4px 4px 4px 4px rgb(102, 61,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 93.8930, 73.0168, 7.1098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 61, 242) }
```

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

```
.background{ background-color: rgb(102, 61,  
242) }
```

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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