

Converting Colors

YUV(93.9000, 69.0693, 13.2427)

Have a look what the booklet for
YUV(93.9000, 69.0693, 13.2427)
contains.

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Color

**YUV(93.9000, 69.0693,
13.2427)**

Conversions

Conversions Part 1

Format	Color
Hex	6D3BEA
RGB	109, 59, 234
RGB Percent	43%, 23%, 92%
CMY	0.5725, 0.7686, 0.0824
CMYK	0.53, 0.75, 0.00, 0.08
HSL	257°, 81%, 57%
HSV	257°, 75%, 92%
XYZ	22.7219, 12.3197, 79.0223
YIQ	93.9000, -26.3750, 65.0250

Conversions

Conversions Part 2

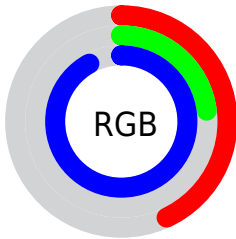
Format	Color
R _Y B	109, 59, 234
Decimal	7158762
CIE Lab	41.72, 61.53, -80.22
CIE LCh	42, 101.094, 307.488
Yxy	12.3197, 0.1992, 0.1080
Android (android.graphics.Color)	4285348842 (0xFF6D3BEA)
YUV	93.9000, 69.0693, 13.2427
Hunter-Lab	35.0994, 54.1299, -108.9152

Details

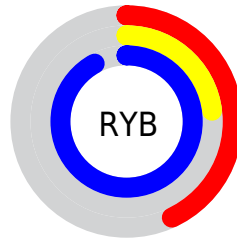
The YUV color **93.9000, 69.0693, 13.2427** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **199.1000, -69.0693, -13.2427**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3560, 54.0545, 22.4898**, and **30.6430, 72.1540, 3.8211** is the 20% darker color. If you saturate the color by 10%, you get **75.3160, 78.2312, 14.6319**, and if you desaturate by 10%, it is **112.4840, 59.9074, 11.8535**.

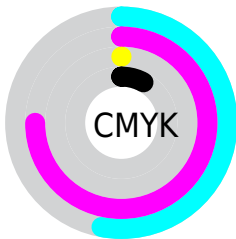
Distribution



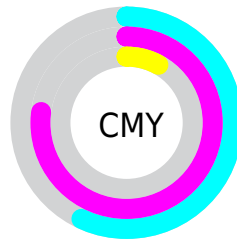
- Red (43%)
- Green (23%)
- Blue (92%)



- Red (43%)
- Yellow (23%)
- Blue (92%)



- Cyan (53%)
- Magenta (75%)
- Yellow (0%)
- Black (8%)



- Cyan (57%)
- Magenta (77%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.9000, 69.0693, 13.2427 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 93.9000, 69.0693, 13.2427 by changing the saturation by 10% instead.

■ 93.9000, 69.0693,
13.2427

■ 93.9000, 69.0693,
13.2427

■ 255.0000, 0.0000,
0.0000

■ 64.8780, 69.0801,
9.7540

■ 145.3560, 54.0545,
22.4898

■ 30.6430, 72.1540,
3.8211

■ 170.4740, 41.6713,
27.6483

■ 16.9860, 65.0829,
-14.8967

■ 195.8800, 29.1462,
31.6772

■ 13.9080, 53.2894,
-12.1973

■ 219.1930, 17.6529,
31.4027

■ 10.9440, 41.9326,
-9.5979

■ 235.6290, 9.5499,
16.9884

■ 12.7900, 28.6975,
-11.2168

■ 252.6520, 1.1576,

■ 7.8200, 19.8087,

2.0592

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 93.9000, 69.0693,
13.2427

■ 93.9000, 69.0693,
13.2427

■ 75.3160, 78.2312,
14.6319

■ 112.4840, 59.9074,
11.8535

■ 56.4440, 87.5351,
17.1506

■ 131.3560, 50.6035,
9.3348

■ 46.7090, 92.3345,
17.7952

■ 149.9400, 41.4416,
7.9456

■ 169.1110, 31.9903,
6.0417

■ 187.6950, 22.8284,
4.6525

■ 205.9800, 13.8139,
2.6485

■ 225.1510, 4.3626,
0.7446

■ 243.7350, -4.7994,
-0.6446

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



91.2920, 80.7080, -80.0631



93.9000, 69.0693, 13.2427



80.2900, 41.2690, 110.2477

Triad

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



93.9000, 69.0693, 13.2427



89.8600, -44.3010, 69.4058



88.5880, 14.5001, -77.6917

Complementary

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



93.9000, 69.0693, 13.2427



199.1000, -69.0693, -13.2427

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.



75.9970, -26.1275, -66.6494



93.9000, 69.0693, 13.2427



90.9590, -44.8428, 9.6830

Square

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



93.9000, 69.0693, 13.2427



64.5840, -31.8399, 132.7918



69.2660, -34.1481, -60.7463



98.5230, 50.0282, -86.4047

Rectangle

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



93.9000, 69.0693, 13.2427



81.3100, 14.1442, 130.4011



69.2660, -34.1481, -60.7463



84.6950, 2.1224, -74.2775

Sweetspot

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



93.9000, 69.0693, 13.2427



210.1680, 22.1022, 4.2377



152.3250, 40.2658, -81.8460



100.8660, 13.3771, 2.7485



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.



93.9000, 69.0693, 13.2427



70.9540, 90.7347, 17.5803



119.9130, 56.2449, 66.7283



108.1510, 4.3626, 0.7446



36.1820, 71.3953, 13.8724



10.6410, 21.3760, 3.8228

Inverse Universe

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



125.5750, 28.8035, 95.0887



112.4660, 37.7313, 125.0023



173.0870, -56.2449, -66.7283



110.2010, 1.8729, 5.9627



68.8250, 29.6663, 98.3775



20.4780, 8.6383, 29.3988

Previews

White Background



This preview shows how the YUV color 93.9000, 69.0693, 13.2427 looks on a white background.

Color Contrast Check

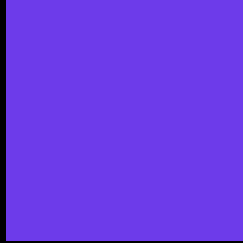
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.9000, 69.0693, 13.2427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

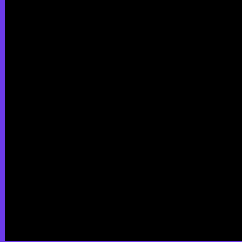
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.9000, 69.0693, 13.2427

Background



This preview shows how black text looks on a background with the YUV color 93.9000, 69.0693, 13.2427.



This preview shows how white text looks on a background with the YUV color 93.9000, 69.0693,

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

93.9000, 69.0693, 13.2427

Protanopia

78.5650, 59.8675, -68.9015

Deuteranopia

78.7810, 45.4640, -69.0909



Tritanopia

94.4470, 8.6536, -22.3170

Trichromacy



Original Color

93.9000, 69.0693, 13.2427

Protanomaly

84.2620, 62.9748, -38.8178

Deuteranomaly

84.5580, 53.9549, -39.0774

Tritanomaly

94.5560, 30.2919, -9.2576

Monochromacy



Original Color

93.9000, 69.0693, 13.2427

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.6780, 25.3017, 4.6674

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.9000, 69.0693, 13.2427 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(109, 59, 234)` looks like.

```
.text, #text, p{  
    color:rgb(109, 59, 234)  
}
```

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(109, 59, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 59, 234) }
```

Border

The CSS property to change the border of an element to YUV 93.9000, 69.0693, 13.2427 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(109, 59, 234) }
```


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

```
.border{ border-color:rgb(109, 59, 234) }
```

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

Here you see how a box with a 4 pixel rgb(109, 59, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 59, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 59, 234);  
box-shadow:4px 4px 4px 4px rgb(109, 59,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 93.9000, 69.0693, 13.2427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 59, 234) }
```

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

```
.background{ background-color: rgb(109, 59,  
234) }
```

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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