

Converting Colors

YUV(42.2690, 39.3074, 39.2291)

Have a look what the booklet for
YUV(42.2690, 39.3074, 39.2291)
contains.

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Color

**YUV(42.2690, 39.3074,
39.2291)**

Conversions

Conversions Part 1

Format	Color
Hex	57047A
RGB	87, 4, 122
RGB Percent	34%, 2%, 48%
CMY	0.6588, 0.9843, 0.5216
CMYK	0.29, 0.97, 0.00, 0.52
HSL	282°, 94%, 25%
HSV	282°, 97%, 48%
XYZ	7.4867, 3.5182, 18.6968
YIQ	42.2690, 11.5900, 54.2940

Conversions

Conversions Part 2

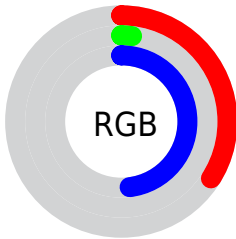
Format	Color
R_{YB}	87, 4, 122
Decimal	5702778
CIE _{Lab}	22.01, 50.50, -45.63
CIE _{LCh}	22, 68.058, 317.898
Yxy	3.5182, 0.2521, 0.1185
Android (android.graphics.Color)	4283892858 (0xFF57047A)
YUV	42.2690, 39.3074, 39.2291
Hunter-Lab	18.7569, 38.4231, -45.9703

Details

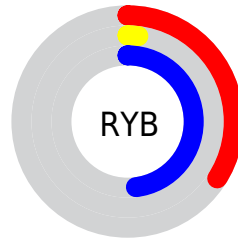
The YUV color **42.2690, 39.3074, 39.2291** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **83.7310, -39.3074, -39.2291**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.6770, 37.1342, 36.2403**, and **18.9720, 26.1428, 14.9336** is the 20% darker color. If you saturate the color by 10%, you get **39.6220, 40.6124, 40.6735**, and if you desaturate by 10%, it is **50.5090, 35.2451, 35.5106**.

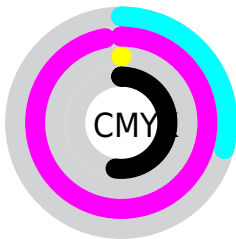
Distribution



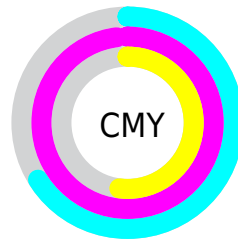
- Red (34%)
- Green (2%)
- Blue (48%)



- Red (34%)
- Yellow (2%)
- Blue (48%)



- Cyan (29%)
- Magenta (97%)
- Yellow (0%)
- Black (52%)



- Cyan (66%)
- Magenta (98%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.2690, 39.3074, 39.2291 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 42.2690, 39.3074, 39.2291 by changing the saturation by 10% instead.

■ 42.2690, 39.3074,
39.2291

■ 42.2690, 39.3074,
39.2291

■ 255.0000, 0.0000,
0.0000

■ 28.9980, 33.5250,
27.1888

■ 99.6770, 37.1342,
36.2403

■ 18.9720, 26.1428,
14.9336

■ 127.0900, 37.4236,
36.7551

■ 5.5860, 21.4031,
-4.8989

■ 154.0300, 38.4392,
37.6847

■ 3.6650, 11.5042,
-3.2142


■ 181.1720, 36.3972,
39.3142


■ 0.0000, 0.0000,
0.0000


■ 205.6920, 24.3088,
43.2431


■ 222.1280, 16.2059,


28.8287


 239.1510, 7.8136,
13.8996


 42.2690, 39.3074,
39.2291


 42.2690, 39.3074,
39.2291


 39.6220, 40.6124,
40.6735

 50.5090, 35.2451,
35.5106

 58.4500, 31.3301,
31.1773

 67.2770, 26.9784,
26.9441

 75.2180, 23.0635,
22.6108

 83.4580, 19.0012,
18.8923

■ 91.6980, 14.9389,
15.1739

■ 99.6390, 11.0240,
10.8406

■ 108.4660, 6.6723,
6.6073

■ 116.7060, 2.6099,
2.8888

Harmonies

Analogous

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



46.6780, 51.9237, -40.9366



42.2690, 39.3074, 39.2291



46.5230, 14.0392, 70.5783

Triad

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



42.2690, 39.3074, 39.2291



49.7590, -24.5312, 28.2754



51.1390, 15.7075, -44.8489

Complementary

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



42.2690, 39.3074, 39.2291



83.7310, -39.3074, -39.2291

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.



43.8090, -7.3008, -38.4205



42.2690, 39.3074, 39.2291



45.9840, -22.6701, -8.7560

Square

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



42.2690, 39.3074, 39.2291



34.3850, -16.9518, 70.6994



38.7420, -19.0998, -33.9767



56.3830, 35.8002, -49.4479

Rectangle

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



42.2690, 39.3074, 39.2291



44.8540, -1.4070, 78.1810



38.7420, -19.0998, -33.9767



48.5000, 8.1345, -42.5345

Sweetspot

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



42.2690, 39.3074, 39.2291



127.1110, 15.2283, 15.6887



37.9970, 41.4135, -29.8154



60.1720, 9.2822, 9.4962



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.2690, 39.3074, 39.2291



51.2010, 52.6519, 52.4437



49.9980, 23.6650, 63.1458



56.8800, 2.0312, 1.8592



40.5620, 41.6279, 41.6031



81.9500, 83.8347, 84.2358

Inverse Universe

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



43.2720, -2.1061, 69.0445



52.6000, -2.7608, 92.4358



76.0020, -23.6650, -63.1458



57.0220, -0.0108, 3.4887



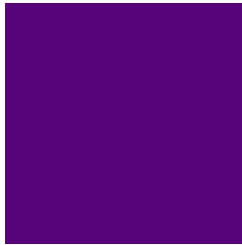
41.5930, -2.2643, 73.1479



83.8980, -4.3867, 147.4255

Previews

White Background



This preview shows how the YUV color 42.2690, 39.3074, 39.2291 looks on a white background.

Color Contrast Check

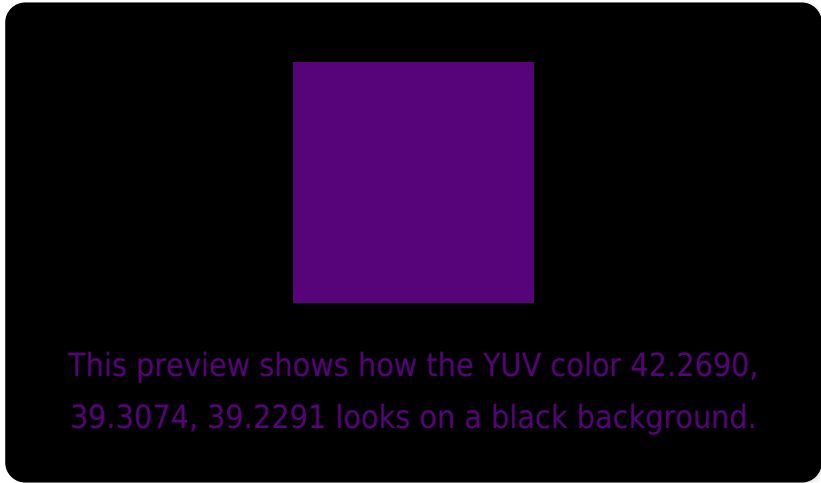
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

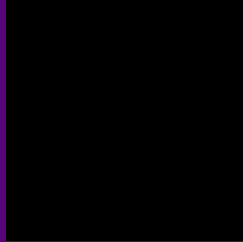
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.2690, 39.3074, 39.2291

Background



This preview shows how black text looks on a background with the YUV color 42.2690, 39.3074, 39.2291.



This preview shows how white text looks on a background with the YUV color 42.2690, 39.3074,

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

42.2690, 39.3074, 39.2291

Protanopia

44.5800, 33.7311, -39.0967

Deuteranopia

44.6310, 26.3109, -39.1414



Tritanopia

56.4150, -2.6696, 16.2990

Trichromacy



Original Color

42.2690, 39.3074, 39.2291

Protanomaly

43.9240, 35.5335, -10.4573

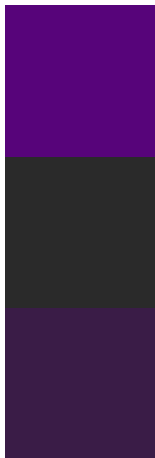
Deuteranomaly

44.0720, 31.0235, -10.5871

Tritanomaly

51.1830, 12.7278, 24.3955

Monochromacy



Original Color

42.2690, 39.3074, 39.2291

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.8720, 14.3601, 14.1443

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.2690, 39.3074, 39.2291 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(87, 4, 122)` looks like.

```
.text, #text, p{  
    color:rgb(87, 4, 122)  
}
```

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(87, 4, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 4, 122) }
```

Border

The CSS property to change the border of an element to YUV 42.2690, 39.3074, 39.2291 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(87, 4, 122) }
```


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

```
.border{ border-color:rgb(87, 4, 122) }
```

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

Here you see how a box with a 4 pixel rgb(87, 4, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 4, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 4, 122);  
box-shadow:4px 4px 4px 4px rgb(87, 4, 122)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.2690, 39.3074, 39.2291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 4, 122) }
```

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

```
.background{ background-color: rgb(87, 4,  
122) }
```

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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