

Converting Colors

YUV(59.7390, 39.5687, 1.9829)

Have a look what the booklet for
YUV(59.7390, 39.5687, 1.9829)
contains.

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Color

**YUV(59.7390, 39.5687,
1.9829)**

Conversions

Conversions Part 1

Format	Color
Hex	3E2B8C
RGB	62, 43, 140
RGB Percent	24%, 17%, 55%
CMY	0.7569, 0.8314, 0.4510
CMYK	0.56, 0.69, 0.00, 0.45
HSL	252°, 53%, 36%
HSV	252°, 69%, 55%
XYZ	7.5841, 4.6453, 25.3079
YIQ	59.7390, -19.8130, 34.1950

Conversions

Conversions Part 2

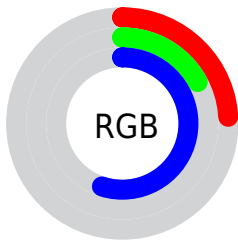
Format	Color
R _Y B	62, 43, 140
Decimal	4074380
CIE Lab	25.70, 35.52, -51.07
CIE LCh	26, 62.210, 304.817
Yxy	4.6453, 0.2020, 0.1238
Android (android.graphics.Color)	4282264460 (0xFF3E2B8C)
YUV	59.7390, 39.5687, 1.9829
Hunter-Lab	21.5530, 25.0929, -54.5319

Details


The YUV color **59.7390, 39.5687, 1.9829** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **123.2610, -39.5687, -1.9829**, and the grayscale version is **59.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **109.9290, 41.4470, 6.2013**, and **10.1460, 38.8750, -8.8980** is the 20% darker color. If you saturate the color by 10%, you get **48.2320, 45.2416, 2.4275**, and if you desaturate by 10%, it is **71.2460, 33.8957, 1.5383**.

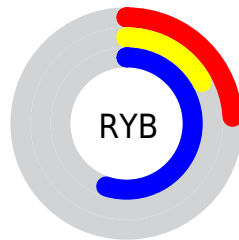
Distribution



 Red (24%)

 Green (17%)

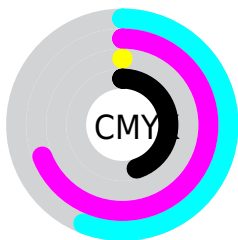
 Blue (55%)





 Red (24%)

 Yellow (17%)

 Blue (55%)

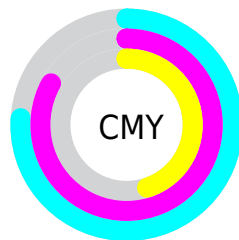


 Cyan (56%)

 Magenta (69%)

 Yellow (0%)

 Black (45%)



 Cyan (76%)

 Magenta (83%)

 Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7390, 39.5687, 1.9829 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 59.7390, 39.5687, 1.9829 by changing the saturation by 10% instead.

■ 59.7390, 39.5687,
1.9829

■ 59.7390, 39.5687,
1.9829

■ 255.0000, 0.0000,
0.0000

■ 34.8910, 39.0007,
-2.5354

■ 109.9290, 41.4470,
6.2013

■ 10.1460, 38.8750,
-8.8980

■ 136.2820, 42.7520,
7.6457

■ 7.4100, 28.3919,
-6.4986

■ 163.2220, 43.7676,
8.5753

■ 6.4350, 17.0405,
-5.6435

■ 188.0840, 32.9896,
12.2043

■ 2.8670, 8.4466,
-2.5144

■ 212.6040, 20.9012,
16.1333

■ 0.0000, 0.0000,
0.0000

■ 236.2160, 9.2605,

16.4736

253.2390, 0.8682,
1.5444

59.7390, 39.5687,
1.9829

59.7390, 39.5687,
1.9829

48.2320, 45.2416,
2.4275

71.2460, 33.8957,
1.5383

36.4260, 51.0620,
2.2574

83.0520, 28.0754,
1.7084

24.9190, 56.7349,
2.7020

94.5590, 22.4024,
1.2638

24.0330, 57.1717,
2.6021

106.0660, 16.7295,
0.8191

117.5730, 11.0565,
0.3745

■ 129.3790, 5.2362,
0.5446

■ 140.8860, -0.4368,
0.1000

■ 152.3930, -6.1097,
-0.3447

■ 163.9000,
-11.7827, -0.7893

Harmonies

Analogous

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



56.6400, 49.4775, -49.6733



59.7390, 39.5687, 1.9829



47.5080, 26.8646, 63.5755

Triad

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



59.7390, 39.5687, 1.9829



55.7610, -27.4902, 44.0596



54.1250, 6.8404, -47.4676

Complementary

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



59.7390, 39.5687, 1.9829



123.2610, -39.5687, -1.9829

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.



46.9090, -15.7311, -41.1392



59.7390, 39.5687, 1.9829



57.0250, -28.1133, 10.5021

Square

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



59.7390, 39.5687, 1.9829



39.9670, -16.2527, 79.8359



44.6560, -22.0154, -32.1473



59.3690, 26.9331, -52.0666

Rectangle

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



59.7390, 39.5687, 1.9829



48.7580, 10.9653, 76.5112



44.6560, -22.0154, -32.1473



51.6000, -0.2958, -45.2532

Sweetspot

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



59.7390, 39.5687, 1.9829



149.4250, 15.5665, 0.5043



100.4310, 19.5075, -50.3670



72.8180, 9.4567, 0.1596



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



59.7390, 39.5687, 1.9829



56.7710, 61.2449, 2.8318



73.7920, 32.6405, 30.8774



63.0970, 2.9102, -0.0851



22.9360, 54.2616, 2.6871



0.8690, 2.0366, 0.1149

Inverse Universe

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



80.8950, 19.7718, 51.8351



89.6440, 30.7415, 80.1192



109.2080, -32.6405, -30.8774



64.7770, 1.5889, 3.7036



51.9650, 27.1323, 71.0677



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 59.7390, 39.5687, 1.9829 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



This preview shows how the YUV color 59.7390, 39.5687, 1.9829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

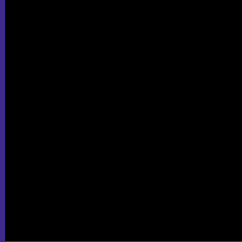
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7390, 39.5687, 1.9829

Background



This preview shows how black text looks on a background with the YUV color 59.7390, 39.5687, 1.9829.



This preview shows how white text looks on a background with the YUV color 59.7390, 39.5687,

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

59.7390, 39.5687, 1.9829

Protanopia

48.8830, 37.5257, -42.8704

Deuteranopia

49.1790, 28.5058, -43.1300



Tritanopia

57.8990, 6.4588, -18.3284

Trichromacy



Original Color

59.7390, 39.5687, 1.9829

Protanomaly

52.8080, 38.0557, -26.1416

Deuteranomaly

53.3150, 32.3827, -26.5863

Tritanomaly

58.7440, 18.3672, -11.1765

Monochromacy



Original Color

59.7390, 39.5687, 1.9829

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.0830, 14.2561, 0.8042

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7390, 39.5687, 1.9829 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(62, 43, 140)` looks like.

```
.text, #text, p{  
    color:rgb(62, 43, 140)  
}
```

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(62, 43, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 43, 140) }
```

Border

The CSS property to change the border of an element to YUV 59.7390, 39.5687, 1.9829 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(62, 43, 140) }
```


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

```
.border{ border-color:rgb(62, 43, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 43, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 43, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 43, 140);  
box-shadow:4px 4px 4px 4px rgb(62, 43,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 59.7390, 39.5687, 1.9829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 43, 140) }
```

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

```
.background{ background-color: rgb(62, 43,  
140) }
```

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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