

Converting Colors

YUV(29.5390, 39.6673, 17.0673)

Have a look what the booklet for
YUV(29.5390, 39.6673, 17.0673)
contains.

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Color

**YUV(29.5390, 39.6673,
17.0673)**

Conversions

Conversions Part 1

Format	Color
Hex	31046E
RGB	49, 4, 110
RGB Percent	19%, 2%, 43%
CMY	0.8078, 0.9843, 0.5686
CMYK	0.55, 0.96, 0.00, 0.57
HSL	265°, 93%, 22%
HSV	265°, 96%, 43%
XYZ	4.1245, 1.8656, 14.8946
YIQ	29.5390, -7.2060, 42.5060

Conversions

Conversions Part 2

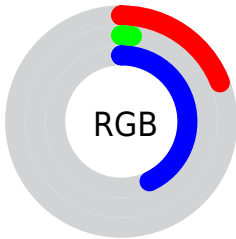
Format	Color
R_{YB}	49, 4, 110
Decimal	3212398
CIE _{Lab}	14.77, 43.09, -50.01
CIE _{LCh}	15, 66.014, 310.753
Yxy	1.8656, 0.1975, 0.0893
Android (android.graphics.Color)	4281402478 (0xFF31046E)
YUV	29.5390, 39.6673, 17.0673
Hunter-Lab	13.6587, 29.9991, -55.0938

Details

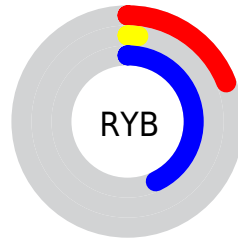
The YUV color **29.5390, 39.6673, 17.0673** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **84.4610, -39.6673, -17.0673**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.5500, 39.6618, 18.8116**, and **6.9540, 26.6447, -6.0987** is the 20% darker color. If you saturate the color by 10%, you get **26.5930, 41.1197, 17.8969**, and if you desaturate by 10%, it is **37.7900, 35.5995, 15.0932**.

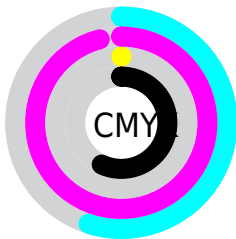
Distribution



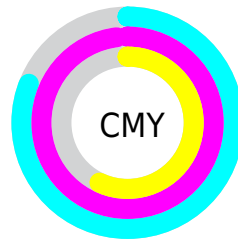
- Red (19%)
- Green (2%)
- Blue (43%)



- Red (19%)
- Yellow (2%)
- Blue (43%)



- Cyan (55%)
- Magenta (96%)
- Yellow (0%)
- Black (57%)



- Cyan (81%)
- Magenta (98%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.5390, 39.6673, 17.0673 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 29.5390, 39.6673, 17.0673 by changing the saturation by 10% instead.

■ 29.5390, 39.6673,
17.0673

■ 29.5390, 39.6673,
17.0673

■ 247.9560, 3.4727,
6.1776

■ 15.3710, 34.3271,
3.1826

■ 82.5500, 39.6618,
18.8116

■ 6.9540, 26.6447,
-6.0987

■ 108.3760, 40.2406,
19.8412

■ 6.0930, 15.7302,
-5.3436

■ 134.6150, 41.1088,
21.3856

■ 2.2970, 6.2626,
-2.0145

■ 161.5550, 42.1244,
22.3153


■ 0.0000, 0.0000,
0.0000


■ 186.9870, 33.5304,
25.4444


■ 211.5070, 21.4420,


29.3734


 230.9330, 11.8650,
21.1068


 29.5390, 39.6673,
17.0673


 29.5390, 39.6673,
17.0673


 26.5930, 41.1197,
17.8969

 37.7900, 35.5995,
15.0932

 46.3400, 31.3844,
13.7338

 54.5910, 27.3166,
11.7597

 62.8420, 23.2489,
9.7856

 71.3920, 19.0337,
8.4262

■ 79.6430, 14.9660,
6.4521

■ 87.8940, 10.8983,
4.4780

■ 96.4440, 6.6831,
3.1186

■ 104.6950, 2.6154,
1.1445

Harmonies

Analogous

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



39.2290, 46.2291, -34.4038



29.5390, 39.6673, 17.0673



37.4670, 15.5458, 53.9644

Triad

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



29.5390, 39.6673, 17.0673



33.8440, -16.6851, 31.7088



37.8540, 7.9600, -33.1980

Complementary

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



29.5390, 39.6673, 17.0673



84.4610, -39.6673, -17.0673

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.



30.5240, -15.0483, -26.7695



29.5390, 39.6673, 17.0673



33.6350, -16.5821, -1.4339

Square

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



29.5390, 39.6673, 17.0673



29.3020, -14.4459, 60.2481



28.7630, -14.1802, -25.2252



42.9840, 27.6159, -37.6970

Rectangle

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



29.5390, 39.6673, 17.0673



37.3360, 0.8204, 63.7263



28.7630, -14.1802, -25.2252



35.3290, 0.8238, -30.9835

Sweetspot

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



29.5390, 39.6673, 17.0673



111.1700, 15.6922, 6.8669



52.4780, 28.3583, -42.5152



52.1390, 9.2985, 4.2631



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



29.5390, 39.6673, 17.0673



34.5410, 53.4703, 23.2045



45.0870, 32.0021, 49.0357



51.5810, 2.1786, 1.2445



28.9290, 44.8980, 19.3563



59.5530, 92.4114, 39.8570

Inverse Universe

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



42.6480, 11.0195, 59.0677



52.1050, 14.7382, 79.7149



68.9130, -32.0021, -49.0357



52.2500, 0.8628, 3.2888



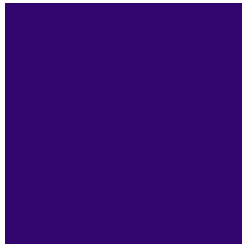
43.7460, 12.4502, 66.8748



90.0410, 25.6158, 137.6530

Previews

White Background



This preview shows how the YUV color 29.5390, 39.6673, 17.0673 looks on a white background.

Color Contrast Check

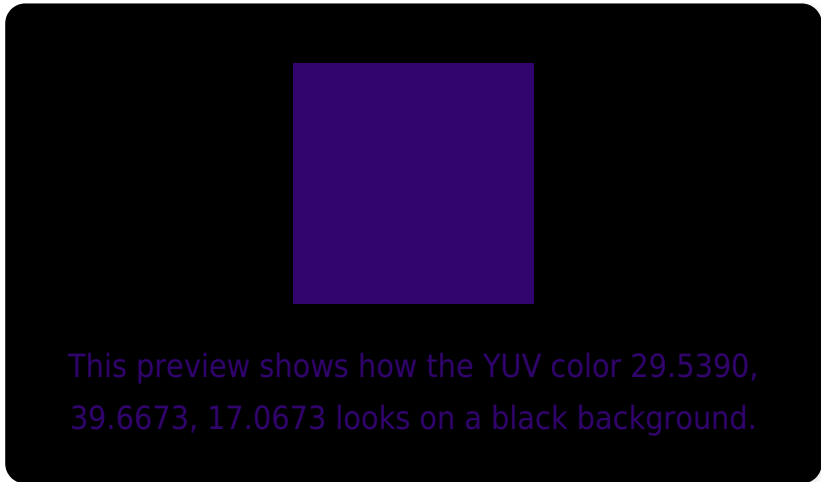
Large Text (above 18pt) WCAG AA ✓ Pass

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

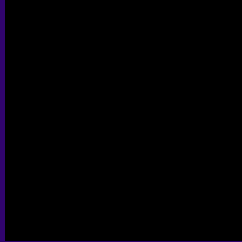
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.5390, 39.6673, 17.0673

Background



This preview shows how black text looks on a background with the YUV color 29.5390, 39.6673, 17.0673.



This preview shows how white text looks on a background with the YUV color 29.5390, 39.6673,

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

29.5390, 39.6673, 17.0673

Protanopia

32.2410, 24.5312, -28.2754

Deuteranopia

32.6340, 18.4214, -28.6200



Tritanopia

38.2590, 3.8163, -10.7511

Trichromacy



Original Color

29.5390, 39.6673, 17.0673

Protanomaly

31.1320, 30.0079, -11.5168

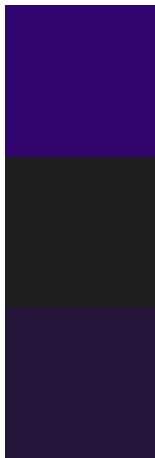
Deuteranomaly

31.5080, 26.3716, -11.8465

Tritanomaly

35.0550, 16.7349, -0.9252

Monochromacy



Original Color

29.5390, 39.6673, 17.0673

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.1160, 14.2398, 6.0373

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.5390, 39.6673, 17.0673 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(49, 4, 110)` looks like.

```
.text, #text, p{  
    color:rgb(49, 4, 110)  
}
```

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(49, 4, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 4, 110) }
```

Border

The CSS property to change the border of an element to YUV 29.5390, 39.6673, 17.0673 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(49, 4, 110) }
```


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

```
.border{ border-color:rgb(49, 4, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 4, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 4, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 4, 110);  
box-shadow:4px 4px 4px 4px rgb(49, 4, 110)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.5390, 39.6673, 17.0673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 4, 110) }
```

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

```
.background{ background-color: rgb(49, 4,  
110) }
```

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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