

Converting Colors

YUV(25.4390, 27.8846, 16.2780)

Have a look what the booklet for
YUV(25.4390, 27.8846, 16.2780)
contains.

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Color

**YUV(25.4390, 27.8846,
16.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	2C0552
RGB	44, 5, 82
RGB Percent	17%, 2%, 32%
CMY	0.8275, 0.9804, 0.6784
CMYK	0.46, 0.94, 0.00, 0.68
HSL	270°, 89%, 17%
HSV	270°, 94%, 32%
XYZ	2.6160, 1.2532, 8.0867
YIQ	25.4390, -1.4730, 32.2150

Conversions

Conversions Part 2

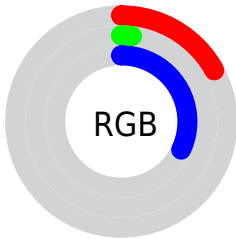
Format	Color
RYB	44, 5, 82
Decimal	2884946
CIELab	10.94, 34.82, -37.61
CIElCh	11, 51.258, 312.794
Yxy	1.2532, 0.2188, 0.1048
Android (android.graphics.Color)	4281075026 (0xFF2C0552)
YUV	25.4390, 27.8846, 16.2780
Hunter-Lab	11.1947, 22.1211, -34.9928

Details

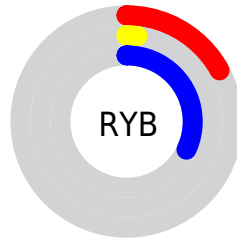
The YUV color **25.4390, 27.8846, 16.2780** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **61.5610, -27.8846, -16.2780**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.5640, 28.3159, 17.9224**, and **5.2780, 15.1459, -4.6288** is the 20% darker color. If you saturate the color by 10%, you get **21.9060, 29.6263, 17.6224**, and if you desaturate by 10%, it is **31.3310, 24.9798, 14.6187**.

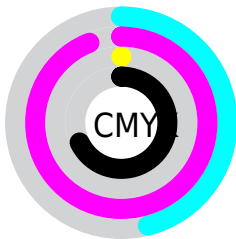
Distribution



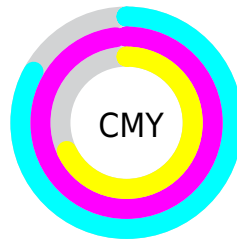
- Red (17%)
- Green (2%)
- Blue (32%)



- Red (17%)
- Yellow (2%)
- Blue (32%)



- Cyan (46%)
- Magenta (94%)
- Yellow (0%)
- Black (68%)



- Cyan (83%)
- Magenta (98%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.4390, 27.8846, 16.2780 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 25.4390, 27.8846, 16.2780 by changing the saturation by 10% instead.

■ 25.4390, 27.8846,
16.2780

■ 25.4390, 27.8846,
16.2780

■ 244.4340, 5.2090,
9.2664

■ 13.9020, 22.2333,
8.8559

■ 74.5640, 28.3159,
17.9224

■ 5.2780, 15.1459,
-4.6288

■ 99.5040, 29.3315,
18.8520

■ 1.3680, 5.2416,
-1.1997

■ 125.3300, 29.9103,
19.8816


■ 0.0000, 0.0000,
0.0000


■ 151.2700, 30.9259,
20.8112


■ 178.6830, 31.2153,
21.3260


■ 204.6850, 24.8053,


23.9553


 227.4110, 13.6014,
24.1956


 25.4390, 27.8846,
16.2780


 25.4390, 27.8846,
16.2780


 21.9060, 29.6263,
17.6224

 31.3310, 24.9798,
14.6187

 37.2230, 22.0751,
12.9594

 43.7020, 18.8809,
10.7853

 49.5940, 15.9762,
9.1261

 55.4860, 13.0714,
7.4668

■ 61.3780, 10.1666,
5.8075

■ 67.2700, 7.2619,
4.1482

■ 73.7490, 4.0677,
1.9741

■ 79.6410, 1.1630,
0.3148

Harmonies

Analogous

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



29.0100, 34.9981, -25.4418



25.4390, 27.8846, 16.2780



29.1360, 10.7790, 42.8537

Triad

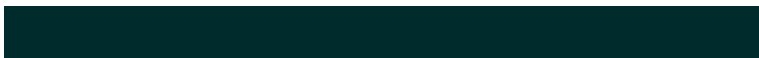
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.4390, 27.8846, 16.2780



27.8860, -13.7478, 22.9020



30.2570, 6.7753, -26.5354

Complementary

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



25.4390, 27.8846, 16.2780



61.5610, -27.8846, -16.2780

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.



24.7680, -11.7176, -21.7215



25.4390, 27.8846, 16.2780



26.5470, -13.0877, -2.2337

Square

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



25.4390, 27.8846, 16.2780



22.4250, -11.0555, 46.1083



22.8930, -11.2862, -20.0772



34.0190, 21.1896, -29.8347

Rectangle

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



25.4390, 27.8846, 16.2780



28.6070, -0.2993, 49.4567



22.8930, -11.2862, -20.0772



28.8890, 1.5337, -25.3357

Sweetspot

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



25.4390, 27.8846, 16.2780



84.9050, 10.8928, 6.2223



36.6710, 22.3472, -27.7755



40.1560, 6.8251, 4.2482



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



25.4390, 27.8846, 16.2780



28.3440, 38.7774, 22.5003



36.8010, 22.2831, 39.6395



38.0540, 1.4524, 0.8296



27.8170, 38.0512, 22.0855



61.7300, 83.9431, 49.3488

Inverse Universe

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



32.3550, 5.2480, 43.5387



38.0350, 7.3777, 60.4823



50.1990, -22.2831, -39.6395



38.4240, 0.2840, 2.2592



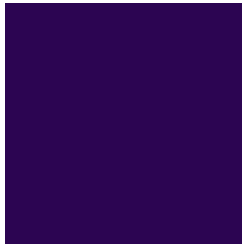
37.3230, 7.2358, 59.3527



82.4780, 16.0333, 131.1308

Previews

White Background



This preview shows how the YUV color 25.4390, 27.8846, 16.2780 looks on a white background.

Color Contrast Check

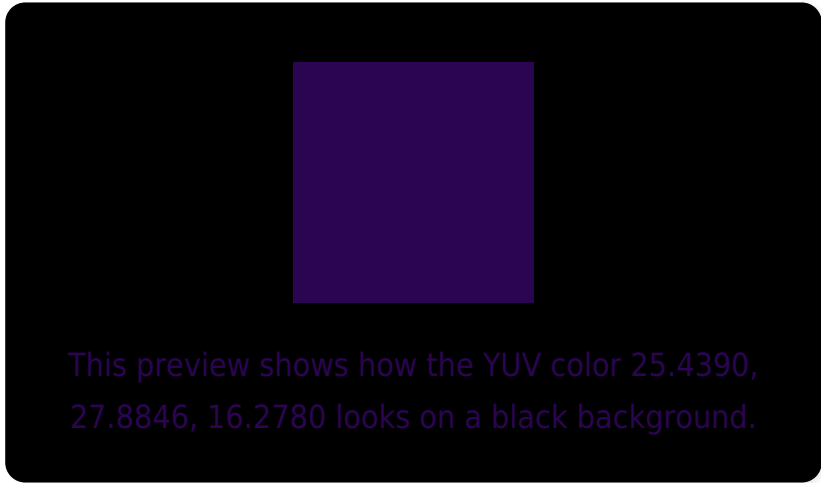
Large Text (above 18pt) WCAG AA ✓ Pass

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

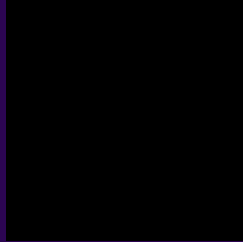
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.4390, 27.8846, 16.2780

Background



This preview shows how black text looks on a background with the YUV color 25.4390, 27.8846, 16.2780.



This preview shows how white text looks on a background with the YUV color 25.4390, 27.8846,

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

25.4390, 27.8846, 16.2780

Protanopia

25.7210, 19.8575, -22.5573

Deuteranopia

25.7550, 14.9108, -22.5871



Tritanopia

32.3420, 1.3104, -0.2999

Trichromacy



Original Color

25.4390, 27.8846, 16.2780

Protanomaly

25.9060, 22.7243, -8.6876

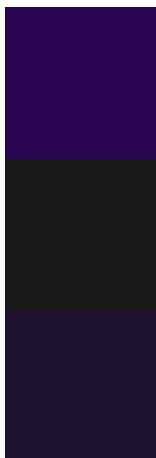
Deuteranomaly

25.6950, 19.3774, -8.5025

Tritanomaly

29.6060, 11.0402, 5.6075

Monochromacy



Original Color

25.4390, 27.8846, 16.2780

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.3780, 10.1666, 5.8075

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.4390, 27.8846, 16.2780 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(44, 5, 82)` looks like.

```
.text, #text, p{  
    color:rgb(44, 5, 82)  
}
```

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(44, 5, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 5, 82) }
```

Border

The CSS property to change the border of an element to YUV 25.4390, 27.8846, 16.2780 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(44, 5, 82) }
```


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

```
.border{ border-color:rgb(44, 5, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 5, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 5, 82); -webkit-box-shadow:4px  
4px 4px 4px rgb(44, 5, 82); box-shadow:4px  
4px 4px 4px rgb(44, 5, 82) }
```

Background

The CSS property to change the background color of an element to YUV 25.4390, 27.8846, 16.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 5, 82) }
```

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

```
.background{ background-color: rgb(44, 5,  
82) }
```

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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