

Converting Colors

YUV(27.3890, 33.8252, 24.2148)

Have a look what the booklet for
YUV(27.3890, 33.8252, 24.2148)
contains.

YUV(27.3890, 33.8252, 24.2148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(27.3890, 33.8252,
24.2148)**

Conversions

Conversions Part 1

Format	Color
Hex	370060
RGB	55, 0, 96
RGB Percent	22%, 0%, 38%
CMY	0.7843, 1.0000, 0.6235
CMYK	0.43, 1.00, 0.00, 0.62
HSL	274°, 100%, 19%
HSV	274°, 100%, 38%
XYZ	3.6869, 1.6568, 11.1918
YIQ	27.3890, 1.9640, 41.5160

Conversions

Conversions Part 2

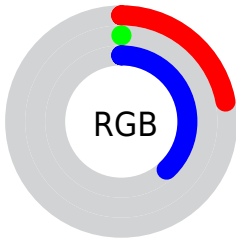
Format	Color
R_{YB}	55, 0, 96
Decimal	3604576
CIE _{Lab}	13.57, 41.79, -42.70
CIE _{LCh}	14, 59.748, 314.383
Yxy	1.6568, 0.2230, 0.1002
Android (android.graphics.Color)	4281794656 (0xFF370060)
YUV	27.3890, 33.8252, 24.2148
Hunter-Lab	12.8715, 28.6039, -42.5428

Details

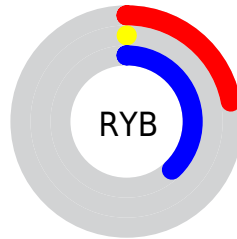
The YUV color **27.3890, 33.8252, 24.2148** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **68.6110, -33.8252, -24.2148**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.9760, 33.5358, 23.7000**, and **5.4720, 20.9663, -4.7989** is the 20% darker color. If you saturate the color by 10%, you get **27.3890, 33.8252, 24.2148**, and if you desaturate by 10%, it is **34.4550, 30.3417, 21.5260**.

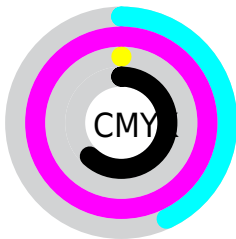
Distribution



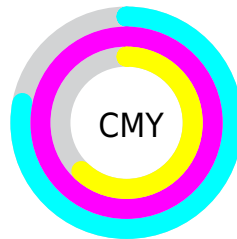
- Red (22%)
- Green (0%)
- Blue (38%)



- Red (22%)
- Yellow (0%)
- Blue (38%)



- Cyan (43%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (78%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.3890, 33.8252, 24.2148 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 27.3890, 33.8252, 24.2148 by changing the saturation by 10% instead.

■ 27.3890, 33.8252,
24.2148

■ 27.3890, 33.8252,
24.2148

■ 245.6080, 4.6303,
8.2368

■ 17.1780, 27.0272,
11.2449

■ 79.9760, 33.5358,
23.7000

■ 5.4720, 20.9663,
-4.7989

■ 105.6880, 33.6778,
24.8296

■ 3.5510, 11.0674,
-3.1142

■ 131.9270, 34.5460,
26.3740

■ 0.0000, 0.0000,
0.0000

■ 158.8670, 35.5616,
27.3036

■ 185.2370, 34.3932,
28.7332

■ 210.3440, 22.0154,

32.1473

■ 229.1720, 12.7332,
22.6512

■ 27.3890, 33.8252,
24.2148

■ 34.4550, 30.3417,
21.5260

■ 40.9340, 27.1475,
19.3519

■ 48.0000, 23.6640,
16.6630

■ 54.4790, 20.4699,
14.4889

■ 61.8440, 16.8389,
12.4148

■ 68.9100, 13.3554,
9.7259

■ 75.3890, 10.1612,
7.5518

■ 82.4550, 6.6777,
4.8630

■ 88.9340, 3.4835,
2.6889

Harmonies

Analogous

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



34.1110, 41.8503, -29.9153



27.3890, 33.8252, 24.2148



34.4190, 11.6254, 51.3755

Triad

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



27.3890, 33.8252, 24.2148



32.6260, -16.0846, 25.7610



36.2070, 9.2649, -31.7535

Complementary

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



27.3890, 33.8252, 24.2148



68.6110, -33.8252, -24.2148

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.



29.5610, -11.1226, -25.9250



27.3890, 33.8252, 24.2148



30.3680, -14.9714, -4.7077

Square

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



27.3890, 33.8252, 24.2148



26.0130, -12.8244, 53.4856



27.0020, -13.3120, -23.6808



40.0660, 26.5895, -35.1379

Rectangle

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



27.3890, 33.8252, 24.2148



33.7330, -1.3474, 58.9932



27.0020, -13.3120, -23.6808



33.9100, 3.0024, -29.7391

Sweetspot

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



27.3890, 33.8252, 24.2148



97.9100, 13.3554, 9.7259



35.5980, 29.7782, -31.2194



47.5090, 8.1301, 5.6926



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



27.3890, 33.8252, 24.2148



35.7780, 43.9864, 31.7667



38.9640, 25.1607, 50.0206



45.0540, 1.4524, 0.8296



31.9040, 39.4873, 28.1482



68.3230, 84.6368, 60.2297

Inverse Universe

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



33.3780, 3.7576, 54.9195



43.4170, 4.7244, 71.5483



57.0360, -25.1607, -50.0206



45.4240, 0.2840, 2.2592



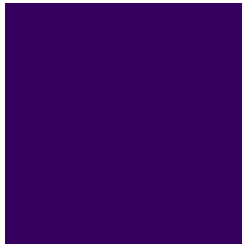
38.9600, 4.4567, 64.0561



83.3880, 9.1757, 137.3487

Previews

White Background



This preview shows how the YUV color 27.3890, 33.8252, 24.2148 looks on a white background.

Color Contrast Check

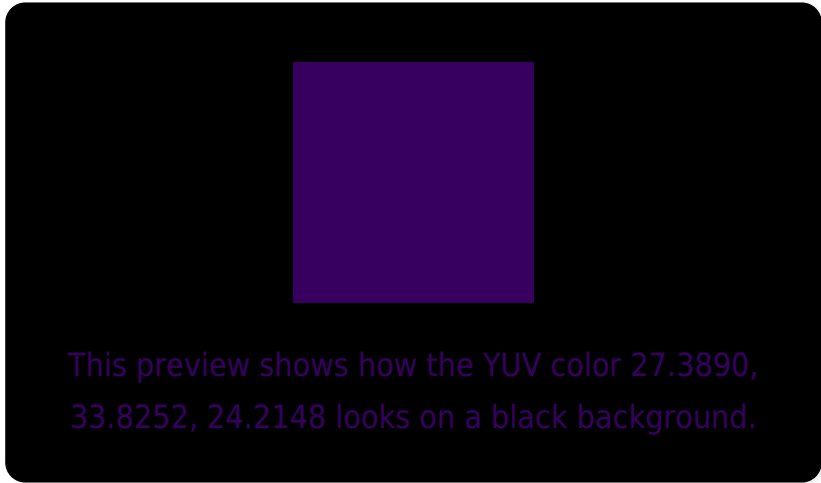
Large Text (above 18pt) WCAG AA ✓ Pass

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

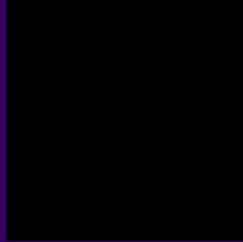
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.3890, 33.8252, 24.2148

Background



This preview shows how black text looks on a background with the YUV color 27.3890, 33.8252, 24.2148.



This preview shows how white text looks on a background with the YUV color 27.3890, 33.8252,

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



Protanopia

31.3120, 23.5102, -27.4606

Deuteranopia

31.2320, 18.1266, -27.3905

Tritanopia

38.8370, 0.5734, 2.7740

Trichromacy



Protanomaly

29.7580, 27.2343, -8.5578

Deuteranomaly

29.5470, 23.8873, -8.3727

Tritanomaly

34.9810, 12.3344, 10.5407

Monochromacy



Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.9700, 12.3398, 8.7963

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.3890, 33.8252, 24.2148 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(55, 0, 96)` looks like.

```
.text, #text, p{  
    color:rgb(55, 0, 96)  
}
```

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(55, 0, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 0, 96) }
```

Border

The CSS property to change the border of an element to YUV 27.3890, 33.8252, 24.2148 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(55, 0, 96) }
```

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

```
.border{ border-color:rgb(55, 0, 96) }
```

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

Here you see how a box with a 4 pixel rgb(55, 0, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 0, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 0, 96); box-shadow:4px  
4px 4px 4px rgb(55, 0, 96) }
```


Background

The CSS property to change the background color of an element to YUV 27.3890, 33.8252, 24.2148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 0, 96) }
```

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

```
.background{ background-color: rgb(55, 0,  
96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor