

Converting Colors

YUV(24.7950, 21.3001, 28.2438)

Have a look what the booklet for
YUV(24.7950, 21.3001, 28.2438)
contains.

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Color

**YUV(24.7950, 21.3001,
28.2438)**

Conversions

Conversions Part 1

Format	Color
Hex	390044
RGB	57, 0, 68
RGB Percent	22%, 0%, 27%
CMY	0.7765, 1.0000, 0.7333
CMYK	0.16, 1.00, 0.00, 0.73
HSL	290°, 100%, 13%
HSV	290°, 100%, 27%
XYZ	2.7307, 1.2872, 5.5734
YIQ	24.7950, 12.1440, 33.2320

Conversions

Conversions Part 2

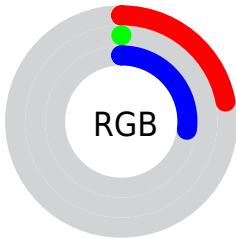
Format	Color
R _Y B	57, 0, 68
Decimal	3735620
CIE Lab	11.19, 35.96, -27.39
CIE LCh	11, 45.200, 322.706
Yxy	1.2872, 0.2847, 0.1342
Android (android.graphics.Color)	4281925700 (0xFF390044)
YUV	24.7950, 21.3001, 28.2438
Hunter-Lab	11.3455, 23.1081, -21.1837

Details

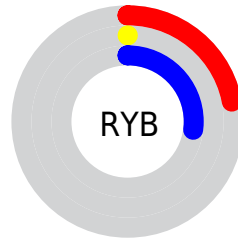
The YUV color **24.7950, 21.3001, 28.2438** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **43.2050, -21.3001, -28.2438**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.2680, 20.5739, 27.8290**, and **3.3230, 10.1938, -2.9143** is the 20% darker color. If you saturate the color by 10%, you get **24.7950, 21.3001, 28.2438**, and if you desaturate by 10%, it is **29.2030, 19.1269, 25.2550**.

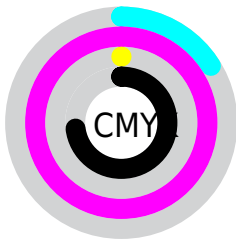
Distribution



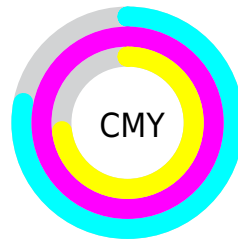
- Red (22%)
- Green (0%)
- Blue (27%)



- Red (22%)
- Yellow (0%)
- Blue (27%)



- Cyan (16%)
- Magenta (100%)
- Yellow (0%)
- Black (73%)



- Cyan (78%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.7950, 21.3001, 28.2438 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 24.7950, 21.3001, 28.2438 by changing the saturation by 10% instead.

■ 24.7950, 21.3001,
28.2438

■ 24.7950, 21.3001,
28.2438

■ 243.8470, 5.4984,
9.7812

■ 16.3070, 14.6386,
18.1478

■ 75.2680, 20.5739,
27.8290

■ 3.3230, 10.1938,
-2.9143

■ 100.0940, 21.1527,
28.8586

■ 0.0000, 0.0000,
0.0000

■ 125.8060, 21.2946,
29.9881

■ 152.0450, 22.1628,
31.5325

■ 179.4580, 22.4522,
32.0473

■ 207.1700, 22.5942,

33.1769

■ 226.8240, 13.8908,
24.7104

■ 24.7950, 21.3001,
28.2438

■ 29.2030, 19.1269,
25.2550

■ 33.6110, 16.9538,
22.2662

■ 37.4320, 15.0700,
19.7921

■ 41.8400, 12.8969,
16.8033

■ 46.2480, 10.7237,
13.8145

■ 50.9550, 8.4032,
11.4405

■ 55.3630, 6.2300,
8.4516

■ 59.1840, 4.3463,
5.9776

■ 63.5920, 2.1731,
2.9888

Harmonies

Analogous

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



25.2940, 30.9141, -22.1828



24.7950, 21.3001, 28.2438



27.4690, 5.6848, 43.4387

Triad

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



24.7950, 21.3001, 28.2438



28.7170, -14.1575, 14.2802



31.2830, 10.7065, -27.4352

Complementary

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



24.7950, 21.3001, 28.2438



43.2050, -21.3001, -28.2438

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.



27.6350, -3.2711, -24.2359



24.7950, 21.3001, 28.2438



24.7310, -12.1924, -9.4111

Square

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



24.7950, 21.3001, 28.2438



23.2560, -11.4652, 37.4865



23.4800, -11.5756, -20.5920



33.1870, 23.0788, -29.1050

Rectangle

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



24.7950, 21.3001, 28.2438



25.9720, -3.9302, 47.3826



23.4800, -11.5756, -20.5920



30.1430, 6.3385, -26.4354

Sweetspot

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



24.7950, 21.3001, 28.2438



71.9550, 8.4032, 11.4405



14.2090, 26.5190, -12.4613



35.1240, 5.3619, 6.9073



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



24.7950, 21.3001, 28.2438



32.5710, 27.8195, 37.2102



25.4620, 9.6322, 37.3058



31.2390, 0.8682, 1.5444



35.2770, 30.4294, 40.0991



81.7480, 70.1302, 93.1830

Inverse Universe

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



21.5860, -5.2189, 40.7051



28.2070, -7.0041, 53.3155



42.5380, -9.6322, -37.3058



30.8970, -0.4422, 1.8443



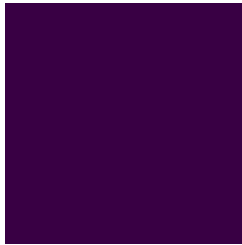
30.8270, -7.3097, 58.0337



71.0800, -17.2944, 134.1108

Previews

White Background



This preview shows how the YUV color 24.7950, 21.3001, 28.2438 looks on a white background.

Color Contrast Check

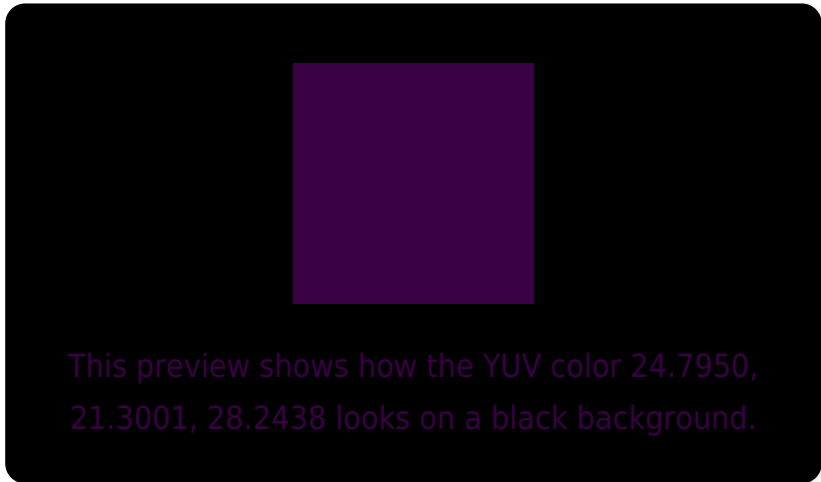
Large Text (above 18pt) WCAG AA ✓ Pass

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

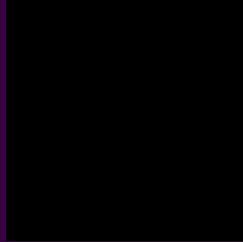
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.7950, 21.3001, 28.2438

Background



This preview shows how black text looks on a background with the YUV color 24.7950, 21.3001, 28.2438.



This preview shows how white text looks on a background with the YUV color 24.7950, 21.3001,

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

27.3510, 21.0260, -23.9868

Deuteranopia

27.6130, 16.9528, -24.2166

Tritanopia

34.7030, -2.8116, 15.1695

Trichromacy



Protanomaly

26.4720, 20.9663, -4.7989

Deuteranomaly

26.4890, 18.4929, -4.8139

Tritanomaly

31.0270, 5.9027, 20.1473

Monochromacy



Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.1290, 7.8244, 10.4109

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.7950, 21.3001, 28.2438 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(57, 0, 68)` looks like.

```
.text, #text, p{  
    color:rgb(57, 0, 68)  
}
```

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(57, 0, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 0, 68) }
```

Border

The CSS property to change the border of an element to YUV 24.7950, 21.3001, 28.2438 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(57, 0, 68) }
```

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

```
.border{ border-color:rgb(57, 0, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 0, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 0, 68); -webkit-box-shadow:4px  
4px 4px 4px rgb(57, 0, 68); box-shadow:4px  
4px 4px 4px rgb(57, 0, 68) }
```


Background

The CSS property to change the background color of an element to YUV 24.7950, 21.3001, 28.2438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 0, 68) }
```

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

```
.background{ background-color: rgb(57, 0,  
68) }
```

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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