

Converting Colors

YUV(31.7340, 44.0081, 24.7893)

Have a look what the booklet for
YUV(31.7340, 44.0081, 24.7893)
contains.

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Color

**YUV(31.7340, 44.0081,
24.7893)**

Conversions

Conversions Part 1

Format	Color
Hex	3C0079
RGB	60, 0, 121
RGB Percent	24%, 0%, 47%
CMY	0.7647, 1.0000, 0.5255
CMYK	0.50, 1.00, 0.00, 0.53
HSL	270°, 100%, 24%
HSV	270°, 100%, 47%
XYZ	5.3147, 2.3411, 18.2609
YIQ	31.7340, -3.0810, 50.3510

Conversions

Conversions Part 2

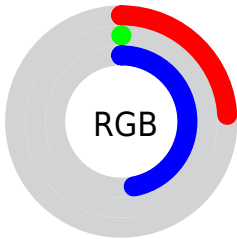
Format	Color
RYB	60, 0, 121
Decimal	3932281
CIELab	17.18, 48.16, -53.08
CIElCh	17, 71.673, 312.219
Yxy	2.3411, 0.2051, 0.0903
Android (android.graphics.Color)	4282122361 (0xFF3C0079)
YUV	31.7340, 44.0081, 24.7893
Hunter-Lab	15.3008, 35.2250, -60.0500

Details

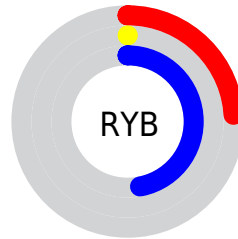
The YUV color **31.7340, 44.0081, 24.7893** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **89.2660, -44.0081, -24.7893**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.6800, 42.5558, 23.9596**, and **8.0940, 31.0127, -7.0984** is the 20% darker color. If you saturate the color by 10%, you get **31.7340, 44.0081, 24.7893**, and if you desaturate by 10%, it is **40.5720, 39.6510, 22.3004**.

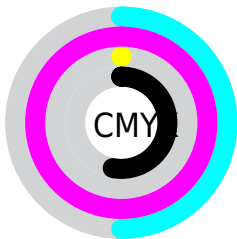
Distribution



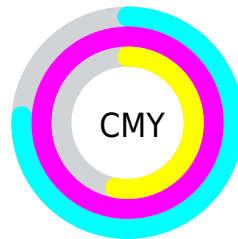
- Red (24%)
- Green (0%)
- Blue (47%)



- Red (24%)
- Yellow (0%)
- Blue (47%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (76%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.7340, 44.0081, 24.7893 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 31.7340, 44.0081, 24.7893 by changing the saturation by 10% instead.

■ 31.7340, 44.0081,
24.7893

■ 31.7340, 44.0081,
24.7893

■ 249.7170, 2.6045,
4.6332

■ 19.8000, 37.0736,
8.9454

■ 87.6800, 42.5558,
23.9596

■ 8.0940, 31.0127,
-7.0984

■ 113.9190, 43.4239,
25.5040

■ 7.7060, 19.3719,
-6.7582

■ 140.8590, 44.4395,
26.4337

■ 3.5510, 11.0674,
-3.1142

■ 167.5280, 43.1237,
28.4779

■ 0.0000, 0.0000,
0.0000

■ 192.0480, 31.0353,
32.4069

■ 216.2580, 19.0998,

33.9767

■ 232.6940, 10.9969,
19.5624

■ 31.7340, 44.0081,
24.7893

■ 40.5720, 39.6510,
22.3004

■ 49.4100, 35.2939,
19.8114

■ 58.2480, 30.9367,
17.3225

■ 67.0860, 26.5796,
14.8336

■ 75.9240, 22.2225,
12.3447

■ 85.6480, 17.4285,
9.9557

■ 94.4860, 13.0714,
7.4668

■ 103.3240, 8.7143,
4.9779

■ 112.1620, 4.3571,
2.4889

Harmonies

Analogous

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



43.1730, 51.1867, -37.8627



31.7340, 44.0081, 24.7893



42.0380, 16.2503, 61.3567

Triad

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



31.7340, 44.0081, 24.7893



38.8720, -19.1639, 33.4383



42.4020, 10.1548, -37.1866

Complementary

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



31.7340, 44.0081, 24.7893



89.2660, -44.0081, -24.7893

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.



34.3880, -15.4743, -30.1583



31.7340, 44.0081, 24.7893



37.4560, -18.4658, -3.9079

Square

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



31.7340, 44.0081, 24.7893



32.2920, -15.9200, 66.3959



32.2850, -15.9165, -28.3139



48.1020, 31.9947, -42.1855

Rectangle

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



31.7340, 44.0081, 24.7893



41.4510, -0.2223, 71.5185



32.2850, -15.9165, -28.3139



40.3500, 2.2924, -35.3869

Sweetspot

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



31.7340, 44.0081, 24.7893



123.2350, 17.1391, 9.4409



50.7750, 34.6209, -44.5297



58.3780, 10.1666, 5.8075



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



31.7340, 44.0081, 24.7893



41.3340, 57.5163, 32.1561



49.3750, 35.3111, 61.0611



56.5810, 2.1786, 1.2445



32.7880, 45.4605, 25.6189



66.1030, 91.6472, 51.6527

Inverse Universe

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



43.1330, 8.8084, 68.2894



56.3620, 11.6535, 89.1365



71.6250, -35.3111, -61.0611



57.1360, 0.4260, 3.3887



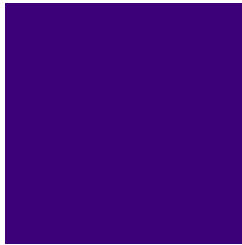
44.5570, 9.0924, 70.5485



89.8260, 18.3268, 142.2266

Previews

White Background



This preview shows how the YUV color 31.7340, 44.0081, 24.7893 looks on a white background.

Color Contrast Check

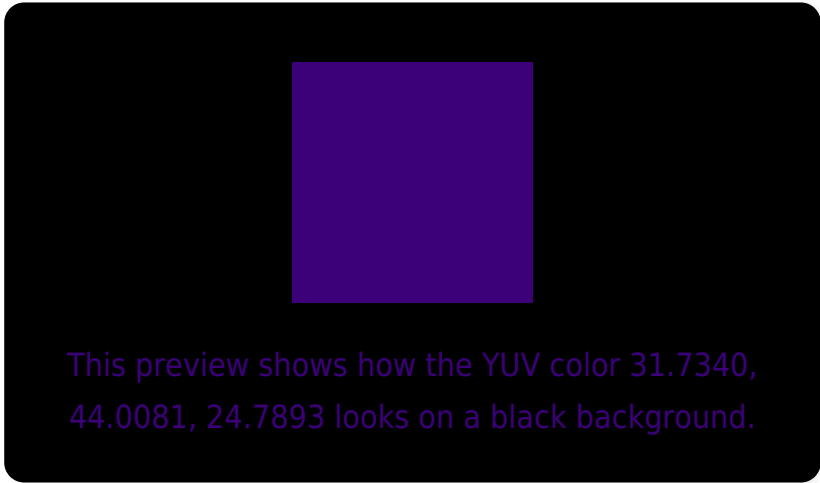
Large Text (above 18pt) WCAG AA ✓ Pass

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

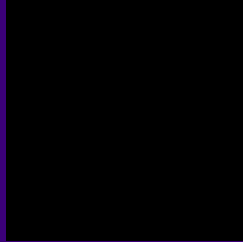
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.7340, 44.0081, 24.7893

Background



This preview shows how black text looks on a background with the YUV color 31.7340, 44.0081, 24.7893.



This preview shows how white text looks on a background with the YUV color 31.7340, 44.0081,

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

37.0170, 27.5996, -32.4639

Deuteranopia

36.7090, 21.3425, -32.1938

Tritanopia

45.3630, 2.7790, -4.7034

Trichromacy



Protanomaly

35.3430, 33.3549, -11.7018

Deuteranomaly

35.0180, 29.5711, -11.4168

Tritanomaly

40.3270, 17.5868, 5.8522

Monochromacy



Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.5940, 15.9762, 9.1261

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.7340, 44.0081, 24.7893 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(60, 0, 121)` looks like.

```
.text, #text, p{  
    color:rgb(60, 0, 121)  
}
```

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(60, 0, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 0, 121) }
```

Border

The CSS property to change the border of an element to YUV 31.7340, 44.0081, 24.7893 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(60, 0, 121) }
```

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

```
.border{ border-color:rgb(60, 0, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 0, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 0, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 0, 121);  
box-shadow:4px 4px 4px 4px rgb(60, 0, 121)  
}
```


Background

The CSS property to change the background color of an element to YUV 31.7340, 44.0081, 24.7893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 0, 121) }
```

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

```
.background{ background-color: rgb(60, 0,  
121) }
```

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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