

Converting Colors

YUV(24.4390, 7.6716, 12.7700)

Have a look what the booklet for
YUV(24.4390, 7.6716, 12.7700)
contains.

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Color

**YUV(24.4390, 7.6716,
12.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	270E28
RGB	39, 14, 40
RGB Percent	15%, 5%, 16%
CMY	0.8471, 0.9451, 0.8431
CMYK	0.02, 0.65, 0.00, 0.84
HSL	298°, 48%, 11%
HSV	298°, 65%, 16%
XYZ	1.3767, 0.8986, 2.1084
YIQ	24.4390, 6.5540, 13.3860

Conversions

Conversions Part 2

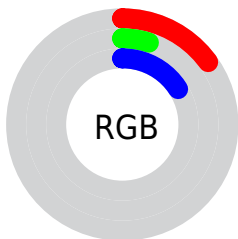
Format	Color
RYB	39, 14, 40
Decimal	2559528
CIELab	8.12, 17.93, -12.13
CIElCh	8, 21.647, 325.932
Yxy	0.8986, 0.3141, 0.2050
Android (android.graphics.Color)	4280749608 (0xFF270E28)
YUV	24.4390, 7.6716, 12.7700
Hunter-Lab	9.4795, 9.3350, -6.5512

Details

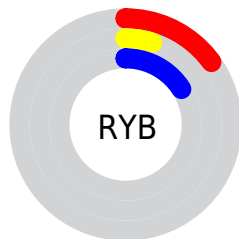
The YUV color **24.4390, 7.6716, 12.7700** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **29.5610, -7.6716, -12.7700**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.5640, 8.1029, 14.4144**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.0910, 8.8291, 14.8292**, and if you desaturate by 10%, it is **26.7870, 6.5140, 10.7108**.

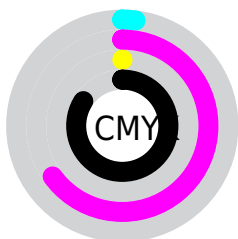
Distribution



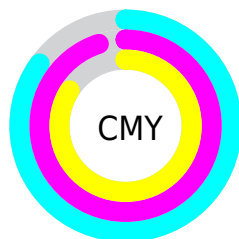
- Red (15%)
- Green (5%)
- Blue (16%)



- Red (15%)
- Yellow (5%)
- Blue (16%)



- Cyan (2%)
- Magenta (65%)
- Yellow (0%)
- Black (84%)



- Cyan (85%)
- Magenta (95%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.4390, 7.6716, 12.7700 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 24.4390, 7.6716, 12.7700 by changing the saturation by 10% instead.

■ 24.4390, 7.6716,
12.7700

■ 24.4390, 7.6716,
12.7700

■ 245.6080, 4.6303,
8.2368

■ 6.6510, 6.0881,
7.3221

■ 68.5640, 8.1029,
14.4144

■ 0.0000, 0.0000,
0.0000

■ 92.3900, 8.6817,
15.4440

■ 116.8030, 8.9711,
15.9588

■ 143.1020, 8.8237,
16.5735

■ 169.5150, 9.1131,
17.0883

■ 196.9280, 9.4025,

17.6031

■ 224.3410, 9.6919,
18.1179

■ 24.4390, 7.6716,
12.7700

■ 24.4390, 7.6716,
12.7700

■ 22.0910, 8.8291,
14.8292

■ 26.7870, 6.5140,
10.7108

■ 19.7430, 9.9867,
16.8884

■ 29.1350, 5.3564,
8.6516

■ 17.3950, 11.1443,
18.9476

■ 31.4830, 4.1989,
6.5924

■ 15.9220, 11.8705,
19.3624

■ 34.1300, 2.8939,
5.1480

■ 36.4780, 1.7363,
3.0888

■ 38.8260, 0.5788,
1.0296

■ 41.1740, -0.5788,
-1.0296

■ 43.5220, -1.7363,
-3.0888

■ 45.8700, -2.8939,
-5.1480

Harmonies

Analogous

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



23.7080, 12.9620, -4.1289



24.4390, 7.6716, 12.7700



22.5990, 1.6767, 22.2767

Triad

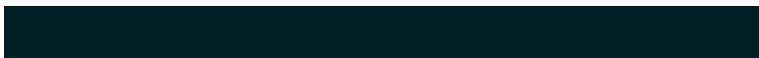
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.4390, 7.6716, 12.7700



22.7810, -11.2310, 8.9621



22.3010, 6.7536, -19.5580

Complementary

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



24.4390, 7.6716, 12.7700



29.5610, -7.6716, -12.7700

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.



20.5910, 0.2016, -18.0583



24.4390, 7.6716, 12.7700



21.5300, -10.6143, -2.2188

Square

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



24.4390, 7.6716, 12.7700



22.5480, -11.1162, 18.8134



17.6100, -8.6817, -15.4440



22.9680, 11.8478, -20.1429

Rectangle

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



24.4390, 7.6716, 12.7700



21.6440, -3.2755, 23.9912



17.6100, -8.6817, -15.4440



22.3180, 4.2802, -19.5729

Sweetspot

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



24.4390, 7.6716, 12.7700



45.1300, 2.8939, 5.1480



17.5510, 11.0674, -3.1142



21.5920, 2.1731, 2.9888



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



24.4390, 7.6716, 12.7700



26.9220, 11.8705, 19.3624



23.3700, 2.2826, 14.5845



18.8260, 0.5788, 1.0296



33.7950, 24.7511, 41.3988



85.1640, 62.5301, 104.2192

Inverse Universe

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



21.8880, -3.3958, 15.8842



23.1880, -5.0227, 24.3911



30.6300, -2.2826, -14.5845



18.5980, -0.2948, 1.2296



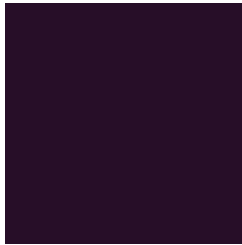
25.4580, -11.0718, 51.3413



64.3000, -27.7559, 129.5329

Previews

White Background



This preview shows how the YUV color 24.4390, 7.6716, 12.7700 looks on a white background.

Color Contrast Check

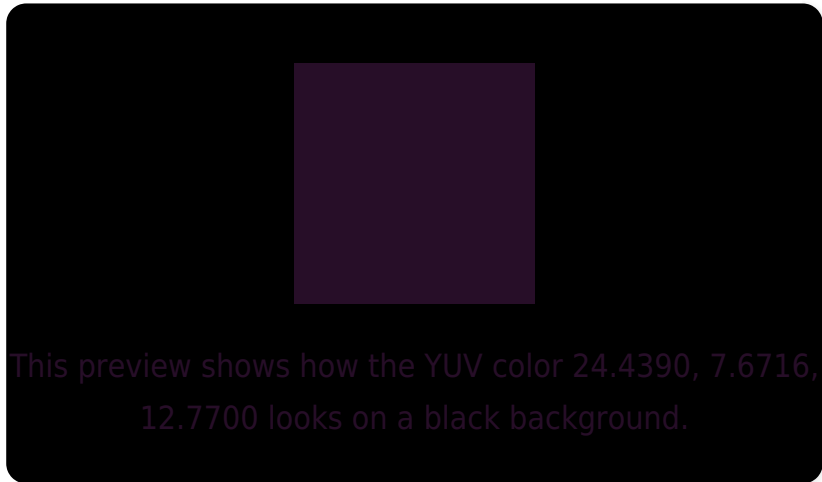
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4390, 7.6716, 12.7700

Background



This preview shows how black text looks on a background with the YUV color 24.4390, 7.6716, 12.7700.



This preview shows how white text looks on a background with the YUV color 24.4390, 7.6716, 12.7700.

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

24.4390, 7.6716, 12.7700

Protanopia

22.1800, 13.7153, -12.4359

Deuteranopia

24.3890, 6.7102, -5.6032



Tritanopia

25.1970, -2.0691, 10.3512

Trichromacy



Original Color

24.4390, 7.6716, 12.7700

Protanomaly

22.6650, 11.5042, -3.2142

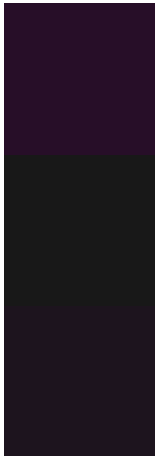
Deuteranomaly

24.5470, 7.1253, 1.2743

Tritanomaly

25.1200, 1.4198, 11.2958

Monochromacy



Original Color

24.4390, 7.6716, 12.7700

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.8310, 3.0413, 4.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.4390, 7.6716, 12.7700 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(39, 14, 40)` looks like.

```
.text, #text, p{  
    color:rgb(39, 14, 40)  
}
```

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(39, 14, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 14, 40) }
```

Border

The CSS property to change the border of an element to YUV 24.4390, 7.6716, 12.7700 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(39, 14, 40) }
```


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

```
.border{ border-color:rgb(39, 14, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 14, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 14, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 14, 40);  
box-shadow:4px 4px 4px 4px rgb(39, 14, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.4390, 7.6716, 12.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 14, 40) }
```

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

```
.background{ background-color: rgb(39, 14,  
40) }
```

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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