

Converting Colors

YUV(14.9950, 4.4395, 22.8064)

Have a look what the booklet for
YUV(14.9950, 4.4395, 22.8064)
contains.

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Color

**YUV(14.9950, 4.4395,
22.8064)**

Conversions

Conversions Part 1

Format	Color
Hex	290018
RGB	41, 0, 24
RGB Percent	16%, 0%, 9%
CMY	0.8392, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.41, 0.84
HSL	325°, 100%, 8%
HSV	325°, 100%, 16%
XYZ	1.0793, 0.5374, 0.9110
YIQ	14.9950, 16.7320, 16.1560

Conversions

Conversions Part 2

Format	Color
R_{YB}	41, 0, 24
Decimal	2687000
CIE Lab	4.85, 22.50, -4.66
CIE LCh	5, 22.975, 348.294
Yxy	0.5374, 0.4270, 0.2126
Android (android.graphics.Color)	4280877080 (0xFF290018)
YUV	14.9950, 4.4395, 22.8064
Hunter-Lab	7.3305, 13.4533, -2.2368

Details

The YUV color **14.9950, 4.4395, 22.8064** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **26.0050, -4.4395, -22.8064**, and the grayscale version is **15.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **60.3650, 3.2711, 24.2359**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.9950, 4.4395, 22.8064**, and if you desaturate by 10%, it is **17.5710, 4.1555, 20.5472**.

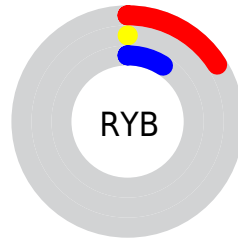
Distribution



Red (16%)

Green (0%)

Blue (9%)



Red (16%)

Yellow (0%)

Blue (9%)

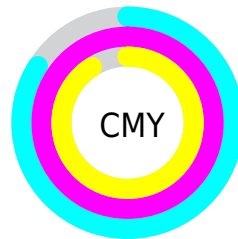


Cyan (0%)

Magenta (100%)

Yellow (41%)

Black (84%)



Cyan (84%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 14.9950, 4.4395, 22.8064 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 14.9950, 4.4395, 22.8064 by changing the saturation by 10% instead.

■ 14.9950, 4.4395,
22.8064

■ 14.9950, 4.4395,
22.8064

■ 237.4070, 6.2083,
15.4291

■ 0.2990, -0.1474,
0.6148

■ 60.3650, 3.2711,
24.2359

■ 0.0000, 0.0000,
0.0000

■ 83.9630, 2.9762,
25.4654


■ 108.5610, 2.6814,
26.6950

■ 134.2730, 2.8234,
27.8246


■ 160.5720, 2.6760,
28.4394

■ 187.8710, 2.5286,


29.0541


 215.5830, 2.6706,
30.1837

 14.9950, 4.4395,
22.8064

 17.5710, 4.1555,
20.5472

 20.0330, 3.4347,
18.3881

 22.6090, 3.1508,
16.1289

 25.1850, 2.8668,
13.8698

 27.6470, 2.1460,
11.7106

■ 30.8100, 1.5727,
8.9366

■ 33.3860, 1.2887,
6.6775

■ 35.9620, 1.0047,
4.4183

■ 38.4240, 0.2840,
2.2592

Harmonies

Analogous

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



16.7100, 10.0030, 11.6553



14.9950, 4.4395, 22.8064



13.2700, -6.0491, 26.9502

Triad

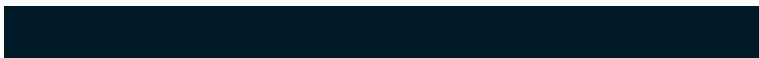
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.9950, 4.4395, 22.8064



14.4310, -7.1145, -4.7630



19.1210, 9.8003, -16.7691

Complementary

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



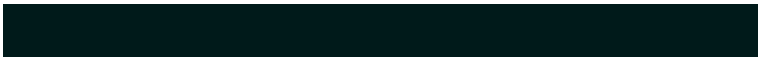
14.9950, 4.4395, 22.8064



26.0050, -4.4395, -22.8064

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.



18.2260, 3.8326, -15.9842



14.9950, 4.4395, 22.8064



14.0880, -6.9454, -12.3552

Square

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



14.9950, 4.4395, 22.8064



16.3020, -8.0369, 11.1361



15.8320, -5.3402, -13.8847



17.5710, 14.0155, -15.4098

Rectangle

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



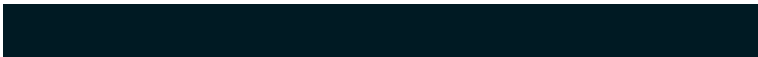
14.9950, 4.4395, 22.8064



14.3190, -7.0593, 24.2762



15.8320, -5.3402, -13.8847



19.2520, 7.7638, -16.8840

Sweetspot

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



14.9950, 4.4395, 22.8064



43.2230, 1.8621, 9.4514



9.4580, 15.5502, 5.7373



21.6740, 1.1467, 5.5479



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



14.9950, 4.4395, 22.8064



19.6800, 5.5808, 30.0986



12.7150, -4.2965, 24.8059



18.8260, 0.5788, 1.0296



30.7020, 9.0209, 46.7423



77.5240, 22.9127, 117.9355

Inverse Universe

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



14.9950, 4.4395, 22.8064



19.6800, 5.5808, 30.0986



28.2850, 4.2965, -24.8059



18.8260, 0.5788, 1.0296



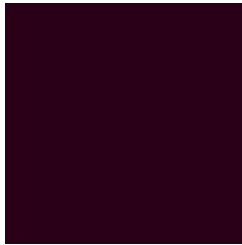
30.7020, 9.0209, 46.7423



77.5240, 22.9127, 117.9355

Previews

White Background



This preview shows how the YUV color 14.9950, 4.4395, 22.8064 looks on a white background.

Color Contrast Check

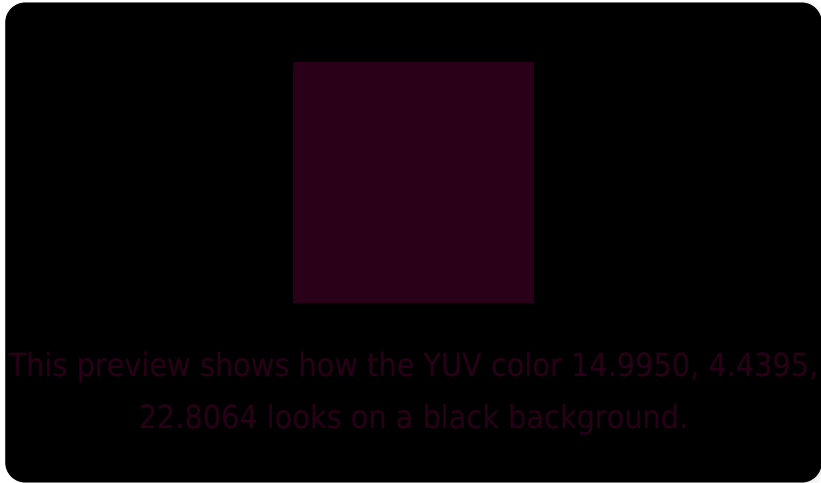
Large Text (above 18pt) WCAG AA ✓ Pass

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

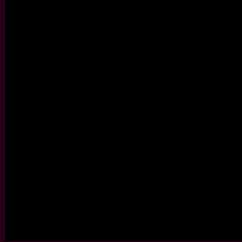
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 14.9950, 4.4395, 22.8064

Background



This preview shows how black text looks on a background with the YUV color 14.9950, 4.4395, 22.8064.



This preview shows how white text looks on a background with the YUV color 14.9950, 4.4395,

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

14.9950, 4.4395, 22.8064

Protanopia

21.2860, 6.2680, -3.7588

Deuteranopia

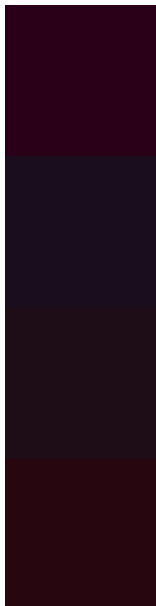
21.7120, 0.1420, 1.1296



Tritanopia

18.9700, -4.4222, 18.4433

Trichromacy



Original Color

14.9950, 4.4395, 22.8064

Protanomaly

18.8250, 5.5093, 6.2925

Deuteranomaly

19.2230, 1.8621, 9.4514

Tritanomaly

17.1920, -1.0807, 20.0026

Monochromacy



Original Color

14.9950, 4.4395, 22.8064

Achromatopsia

15.0000, 0.0000, 0.0000

Achromatomaly

15.0980, 1.4307, 7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 14.9950, 4.4395, 22.8064 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(41, 0, 24)` looks like.

```
.text, #text, p{  
    color:rgb(41, 0, 24)  
}
```

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(41, 0, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 0, 24) }
```

Border

The CSS property to change the border of an element to YUV 14.9950, 4.4395, 22.8064 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(41, 0, 24) }
```


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

```
.border{ border-color:rgb(41, 0, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 0, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 0, 24); -webkit-box-shadow:4px  
4px 4px 4px rgb(41, 0, 24); box-shadow:4px  
4px 4px 4px rgb(41, 0, 24) }
```

Background

The CSS property to change the background color of an element to YUV 14.9950, 4.4395, 22.8064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 0, 24) }
```

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

```
.background{ background-color: rgb(41, 0,  
24) }
```

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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