

Converting Colors

YUV(24.9650, 0.0173, 41.2497)

Have a look what the booklet for
YUV(24.9650, 0.0173, 41.2497)
contains.

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Color

**YUV(24.9650, 0.0173,
41.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	480119
RGB	72, 1, 25
RGB Percent	28%, 0%, 10%
CMY	0.7176, 0.9961, 0.9020
CMYK	0.00, 0.99, 0.65, 0.72
HSL	340°, 97%, 14%
HSV	340°, 99%, 28%
XYZ	2.8588, 1.4696, 1.0527
YIQ	24.9650, 34.6120, 22.5160

Conversions

Conversions Part 2

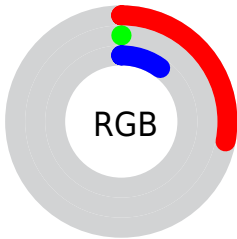
Format	Color
RYB	72, 1, 25
Decimal	4718873
CIELab	12.41, 33.02, 6.38
CIELCh	12, 33.635, 10.938
Yxy	1.4696, 0.5313, 0.2731
Android (android.graphics.Color)	4282908953 (0xFF480119)
YUV	24.9650, 0.0173, 41.2497
Hunter-Lab	12.1228, 20.8793, 3.3374

Details

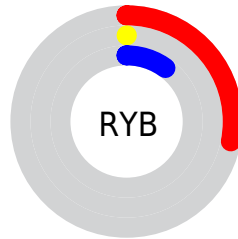
The YUV color **24.9650, 0.0173, 41.2497** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **48.0350, -0.0173, -41.2497**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.6510, -3.7719, 43.2791**, and **0.2990, -0.1474, 0.6148** is the 20% darker color. If you saturate the color by 10%, you get **24.2640, -0.1302, 41.8645**, and if you desaturate by 10%, it is **29.6440, 0.1755, 37.1462**.

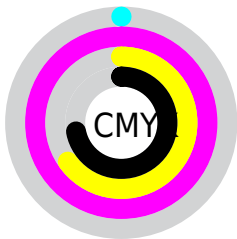
Distribution



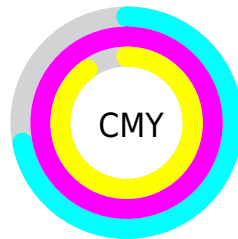
- Red (28%)
- Green (0%)
- Blue (10%)



- Red (28%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (99%)
- Yellow (65%)
- Black (72%)




- Cyan (72%)
- Magenta (100%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the YUV color 24.9650, 0.0173, 41.2497 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 24.9650, 0.0173, 41.2497 by changing the saturation by 10% instead.


 24.9650, 0.0173,
41.2497


 24.9650, 0.0173,
41.2497


 244.5650, 3.1725,
9.1515


 14.6510, -7.2229,
30.1241


 75.6510, -3.7719,
43.2791


 0.2990, -0.1474,
0.6148

 101.0210, -4.9404,
44.7086

 0.0000, 0.0000,
0.0000

 126.8040, -5.8194,
46.6529


 153.7010, -6.2616,
48.4972

 180.5980, -6.7038,
50.3416


 205.1950, -5.5191,

43.6790

 224.8230, -1.3917,
26.4652


 24.9650, 0.0173,
41.2497


 24.9650, 0.0173,
41.2497

 24.2640, -0.1302,
41.8645

 29.6440, 0.1755,
37.1462

 34.3230, 0.3338,
33.0427

 39.4750, -0.2342,
28.5244

 44.1540, -0.0759,
24.4209

 48.8330, 0.0823,
20.3175

■ 53.5120, 0.2406,
16.2140

■ 58.0770, -0.0380,
12.2105

■ 63.3430, -0.1691,
7.5922

■ 68.0220, -0.0108,
3.4887

Harmonies

Analogous

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



28.4290, 9.6485, 32.0728



24.9650, 0.0173, 41.2497



27.3760, -13.4964, 35.6272

Triad

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



24.9650, 0.0173, 41.2497



25.2850, -12.4655, -15.1589



31.6710, 22.3472, -27.7755

Complementary

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



24.9650, 0.0173, 41.2497



48.0350, -0.0173, -41.2497

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.



31.7220, 14.9271, -27.8202



24.9650, 0.0173, 41.2497



26.4780, -5.1657, -23.2212

Square

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



24.9650, 0.0173, 41.2497



30.1240, -14.8511, 3.3993



29.9150, 5.4649, -26.2355



28.3770, 24.9571, -24.8866

Rectangle

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



24.9650, 0.0173, 41.2497



30.5550, -15.0636, 24.9463



29.9150, 5.4649, -26.2355



31.8020, 20.3106, -27.8904

Sweetspot

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



24.9650, 0.0173, 41.2497



75.5120, 0.2406, 16.2140



22.8480, 24.2319, 21.1813



36.7670, 0.1149, 9.8513



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



24.9650, 0.0173, 41.2497



31.7540, 0.1213, 54.5897



28.6860, -13.6492, 37.9864



33.3100, -0.1528, 2.3591



33.4770, 0.2578, 57.4637



76.6510, 0.1721, 131.8561

Inverse Universe

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



24.9650, 0.0173, 41.2497



31.7540, 0.1213, 54.5897



44.3140, 13.6492, -37.9864



33.3100, -0.1528, 2.3591



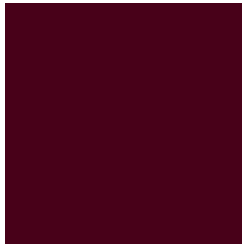
33.4770, 0.2578, 57.4637



76.6510, 0.1721, 131.8561

Previews

White Background



This preview shows how the YUV color 24.9650, 0.0173, 41.2497 looks on a white background.

Color Contrast Check

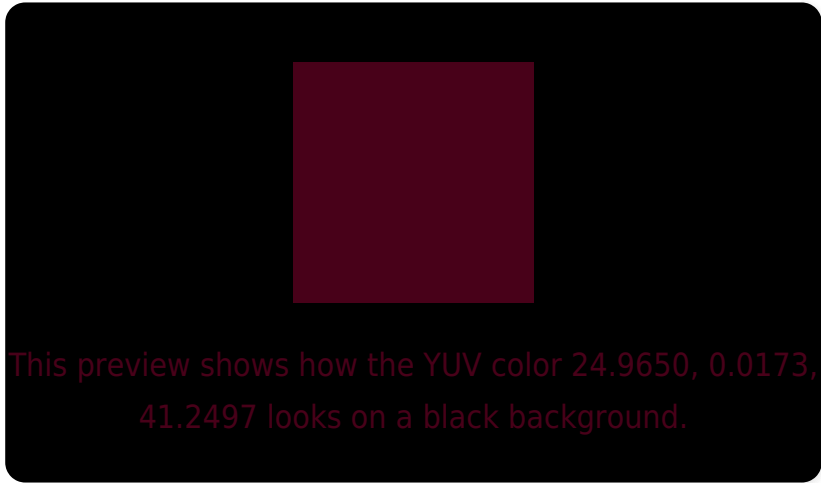
Large Text (above 18pt) WCAG AA ✓ Pass

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

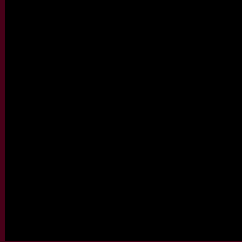
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.9650, 0.0173, 41.2497

Background



This preview shows how black text looks on a background with the YUV color 24.9650, 0.0173, 41.2497.



This preview shows how white text looks on a background with the YUV color 24.9650, 0.0173,

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

24.9650, 0.0173, 41.2497

Protanopia

37.0000, 0.0000, 0.0000

Deuteranopia

36.5080, -7.1524, 7.4475



Tritanopia

28.4240, -9.5760, 38.2162

Trichromacy



Original Color

24.9650, 0.0173, 41.2497

Protanomaly

32.8000, 0.0986, 15.0844

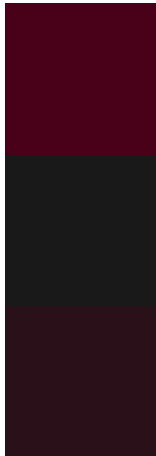
Deuteranomaly

32.5680, -4.7170, 19.6729

Tritanomaly

27.3470, -6.0871, 39.1607

Monochromacy



Original Color

24.9650, 0.0173, 41.2497

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.8000, 0.0986, 15.0844

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.9650, 0.0173, 41.2497 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(72, 1, 25)` looks like.

```
.text, #text, p{  
    color:rgb(72, 1, 25)  
}
```

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(72, 1, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 1, 25) }
```

Border

The CSS property to change the border of an element to YUV 24.9650, 0.0173, 41.2497 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(72, 1, 25) }
```


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

```
.border{ border-color:rgb(72, 1, 25) }
```

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

Here you see how a box with a 4 pixel rgb(72, 1, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 1, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(72, 1, 25); box-shadow:4px  
4px 4px 4px rgb(72, 1, 25) }
```

Background

The CSS property to change the background color of an element to YUV 24.9650, 0.0173, 41.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 1, 25) }
```

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

```
.background{ background-color: rgb(72, 1,  
25) }
```

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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