

Converting Colors

YUV(24.3970, -8.5767, 44.3788)

Have a look what the booklet for
YUV(24.3970, -8.5767, 44.3788)
contains.

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Color

**YUV(24.3970, -8.5767,
44.3788)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0207
RGB	75, 2, 7
RGB Percent	29%, 1%, 3%
CMY	0.7059, 0.9922, 0.9725
CMYK	0.00, 0.97, 0.91, 0.71
HSL	356°, 95%, 15%
HSV	356°, 97%, 29%
XYZ	2.9617, 1.5546, 0.3450
YIQ	24.3970, 41.9030, 17.0310

Conversions

Conversions Part 2

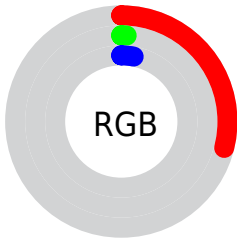
Format	Color
R_{YB}	75, 2, 7
Decimal	4915719
CIE Lab	12.95, 32.55, 17.40
CIE LCh	13, 36.907, 28.120
Yxy	1.5546, 0.6092, 0.3198
Android (android.graphics.Color)	4283105799 (0xFF4B0207)
YUV	24.3970, -8.5767, 44.3788
Hunter-Lab	12.4684, 20.5806, 7.0874

Details

The YUV color **24.3970, -8.5767, 44.3788** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **52.6030, 8.5767, -44.3788**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.6100, -11.6397, 46.8230**, and **1.7940, -0.8844, 3.6887** is the 20% darker color. If you saturate the color by 10%, you get **22.9950, -8.8715, 45.6084**, and if you desaturate by 10%, it is **29.8910, -7.8343, 39.5606**.

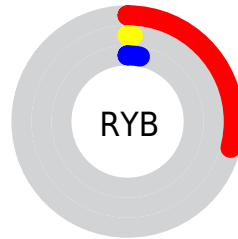
Distribution



Red (29%)

Green (1%)

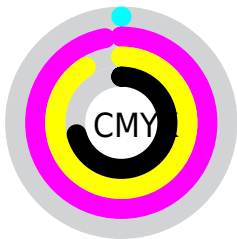
Blue (3%)



Red (29%)

Yellow (1%)

Blue (3%)

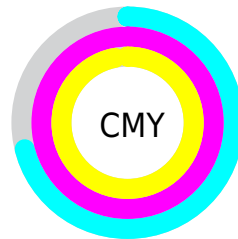


Cyan (0%)

Magenta (97%)

Yellow (91%)

Black (71%)



Cyan (71%)

Magenta (99%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.3970, -8.5767, 44.3788 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 24.3970, -8.5767, 44.3788 by changing the saturation by 10% instead.

■ 24.3970, -8.5767,
44.3788

■ 24.3970, -8.5767,
44.3788

■ 242.8720, -5.8529,
10.6363

■ 14.9500, -7.3703,
30.7388

■ 75.6100, -11.6397,
46.8230

■ 1.7940, -0.8844,
3.6887

■ 101.1650,
-13.3923, 48.9673

■ 0.0000, 0.0000,
0.0000

■ 127.2470,
-14.4188, 51.5264

■ 154.0300,
-15.2978, 53.4707

■ 181.2260,
-15.8874, 55.9298

■ 203.7300,

-13.6709, 44.9638

■ 223.2440, -9.9803,
27.8500

■ 24.3970, -8.5767,
44.3788

■ 24.3970, -8.5767,
44.3788

■ 22.9950, -8.8715,
45.6084

■ 29.8910, -7.8343,
39.5606

■ 34.7980, -6.8024,
35.2572

■ 40.2920, -6.0600,
30.4389

■ 45.1990, -5.0281,
26.1355

■ 50.6930, -4.2856,
21.3172

■ 55.6000, -3.2538,
17.0138

■ 61.0940, -2.5113,
12.1956

■ 66.0010, -1.4795,
7.8921

■ 71.4950, -0.7370,
3.0739

Harmonies

Analogous

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



26.5290, 4.6692, 42.5091



24.3970, -8.5767, 44.3788



30.5770, -15.0745, 28.4350

Triad

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



24.3970, -8.5767, 44.3788



24.6540, -12.1544, -21.6216



31.9960, 26.1310, -28.0605

Complementary

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



24.3970, -8.5767, 44.3788



52.6030, 8.5767, -44.3788

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.



33.4320, 21.4790, -29.3199



24.3970, -8.5767, 44.3788



29.3620, 0.8075, -25.7505

Square

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



24.3970, -8.5767, 44.3788



28.5740, -14.0870, -8.3964



32.3260, 12.1643, -28.3499



32.0310, 23.1557, -7.0432

Rectangle

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



24.3970, -8.5767, 44.3788



32.2720, -15.9101, 16.4245



32.3260, 12.1643, -28.3499



33.0560, 25.1154, -28.9901

Sweetspot

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



24.3970, -8.5767, 44.3788



77.6000, -3.2538, 17.0138



30.3550, 22.0100, 33.8917



36.3110, -1.6323, 10.2513



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.



24.3970, -8.5767, 44.3788



29.8010, -11.2409, 58.9335



41.4370, -19.4424, 29.4348



35.3100, -0.1528, 2.3591



31.2960, -11.9779, 62.0074



70.5940, -26.9148, 139.7991

Inverse Universe

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



24.3970, -8.5767, 44.3788



29.8010, -11.2409, 58.9335



35.5630, 19.4424, -29.4348



35.3100, -0.1528, 2.3591



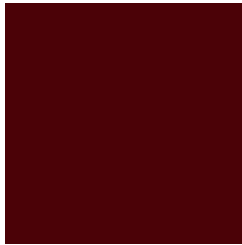
31.2960, -11.9779, 62.0074



70.5940, -26.9148, 139.7991

Previews

White Background



This preview shows how the YUV color 24.3970, -8.5767, 44.3788 looks on a white background.

Color Contrast Check

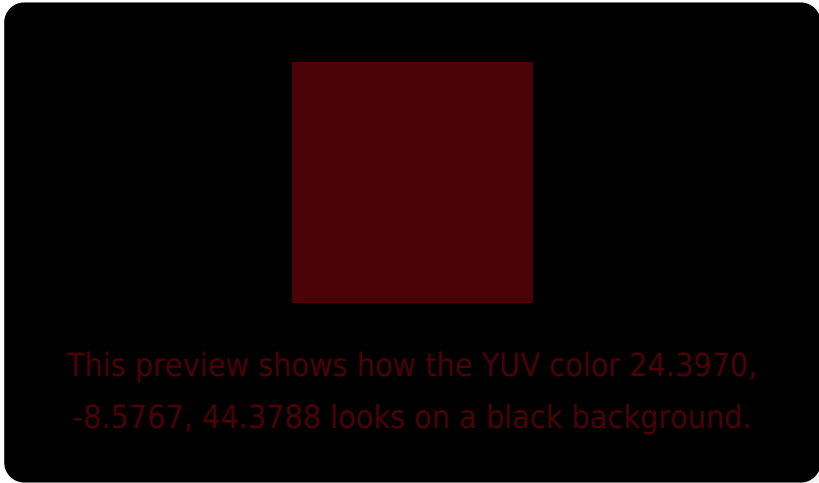
Large Text (above 18pt) WCAG AA ✓ Pass

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

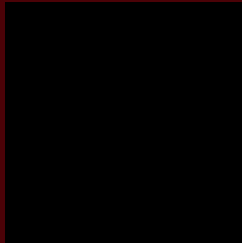
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.3970, -8.5767, 44.3788

Background



This preview shows how black text looks on a background with the YUV color 24.3970, -8.5767, 44.3788.



This preview shows how white text looks on a background with the YUV color 24.3970, -8.5767,

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

24.3970, -8.5767, 44.3788

Protanopia

36.4600, -11.0728, 4.8586

Deuteranopia

35.4840, -17.4936, 10.9765



Tritanopia

26.5340, -13.0813, 42.5047

Trichromacy



Original Color

24.3970, -8.5767, 44.3788

Protanomaly

32.0750, -10.3900, 19.2282

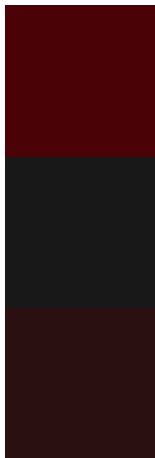
Deuteranomaly

31.7720, -14.1846, 23.0020

Tritanomaly

25.7020, -11.1921, 43.2343

Monochromacy



Original Color

24.3970, -8.5767, 44.3788

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.3010, -3.1064, 16.3990

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.3970, -8.5767, 44.3788 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(75, 2, 7)` looks like.

```
.text, #text, p{  
    color:rgb(75, 2, 7)  
}
```

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(75, 2, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 2, 7) }
```

Border

The CSS property to change the border of an element to YUV 24.3970, -8.5767, 44.3788 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(75, 2, 7) }
```


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

```
.border{ border-color:rgb(75, 2, 7) }
```

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

Here you see how a box with a 4 pixel rgb(75, 2, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 2, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 2, 7); box-shadow:4px  
4px 4px 4px rgb(75, 2, 7) }
```

Background

The CSS property to change the background color of an element to YUV 24.3970, -8.5767, 44.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 2, 7) }
```

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

```
.background{ background-color: rgb(75, 2,  
7) }
```

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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