

Converting Colors

YUV(26.2420, -0.1193, 38.3758)

Have a look what the booklet for
YUV(26.2420, -0.1193, 38.3758)
contains.

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Color

**YUV(26.2420, -0.1193,
38.3758)**

Conversions

Conversions Part 1

Format	Color
Hex	46041A
RGB	70, 4, 26
RGB Percent	27%, 2%, 10%
CMY	0.7255, 0.9843, 0.8980
CMYK	0.00, 0.94, 0.63, 0.73
HSL	340°, 89%, 15%
HSV	340°, 94%, 27%
XYZ	2.7557, 1.4635, 1.1145
YIQ	26.2420, 32.2740, 20.8340

Conversions

Conversions Part 2

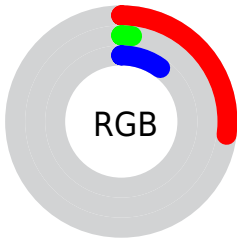
Format	Color
R_{YB}	70, 4, 26
Decimal	4588570
CIE Lab	12.37, 31.30, 5.50
CIE LCh	12, 31.779, 9.959
Yxy	1.4635, 0.5167, 0.2744
Android (android.graphics.Color)	4282778650 (0xFF46041A)
YUV	26.2420, -0.1193, 38.3758
Hunter-Lab	12.0975, 19.4892, 3.0060

Details

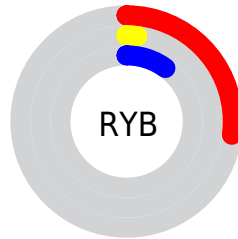
The YUV color **26.2420, -0.1193, 38.3758** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **47.7580, 0.1193, -38.3758**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.0420, -3.4717, 40.3052**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.5520, -0.2721, 40.7349**, and if you desaturate by 10%, it is **30.9210, 0.0389, 34.2723**.

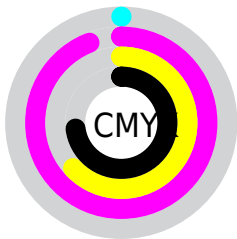
Distribution



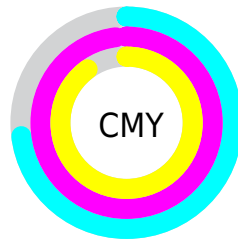
- Red (27%)
- Green (2%)
- Blue (10%)



- Red (27%)
- Yellow (2%)
- Blue (10%)



- Cyan (0%)
- Magenta (94%)
- Yellow (63%)
- Black (73%)



- Cyan (73%)
- Magenta (98%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.2420, -0.1193, 38.3758 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 26.2420, -0.1193, 38.3758 by changing the saturation by 10% instead.

■ 26.2420, -0.1193,
38.3758

■ 26.2420, -0.1193,
38.3758

■ 245.8530, 3.0305,
8.0219

■ 14.3520, -7.0755,
29.5093

■ 76.0420, -3.4717,
40.3052

■ 0.0000, 0.0000,
0.0000

■ 101.1240, -4.4981,
42.8643

■ 127.0210, -4.9404,
44.7086

■ 153.5050, -5.6720,
46.0381

■ 181.1030, -5.9668,
47.2677

■ 206.0100, -4.9349,

42.9642

■ 225.6380, -0.8075,
25.7505

■ 26.2420, -0.1193,
38.3758

■ 26.2420, -0.1193,
38.3758

■ 23.5520, -0.2721,
40.7349

■ 30.9210, 0.0389,
34.2723

■ 35.4860, -0.2396,
30.2688

■ 40.1650, -0.0813,
26.1653

■ 44.8440, 0.0769,
22.0618

■ 49.4090, -0.2016,
18.0583

■ 54.0880, -0.0434,
13.9548

■ 58.7670, 0.1149,
9.8513

■ 63.3320, -0.1637,
5.8478

■ 68.0110, -0.0054,
1.7444

Harmonies

Analogous

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



29.5920, 9.0751, 29.2988



26.2420, -0.1193, 38.3758



27.9520, -13.7803, 33.3681

Triad

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



26.2420, -0.1193, 38.3758



25.8940, -12.7657, -12.1850



31.3290, 21.0368, -27.4755

Complementary

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



26.2420, -0.1193, 38.3758



47.7580, 0.1193, -38.3758

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.



30.9070, 14.3428, -27.1054



26.2420, -0.1193, 38.3758



25.8910, -4.8763, -22.7064

Square

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



26.2420, -0.1193, 38.3758



30.4230, -14.9985, 4.0140



29.1000, 4.8807, -25.5207



28.0350, 23.6467, -24.5867

Rectangle

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



26.2420, -0.1193, 38.3758



30.2560, -14.9162, 24.3315



29.1000, 4.8807, -25.5207



31.4600, 19.0002, -27.5904

Sweetspot

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



26.2420, -0.1193, 38.3758



74.8000, 0.0986, 15.0844



24.6800, 22.3428, 20.4516



35.3540, -0.1745, 9.3365



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



26.2420, -0.1193, 38.3758



31.0420, -0.0207, 53.4602



30.1910, -12.9122, 34.9125



33.3100, -0.1528, 2.3591



33.3630, -0.1790, 57.5636



76.5370, -0.2647, 131.9561

Inverse Universe

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



26.2420, -0.1193, 38.3758



31.0420, -0.0207, 53.4602



43.8090, 12.9122, -34.9125



33.3100, -0.1528, 2.3591



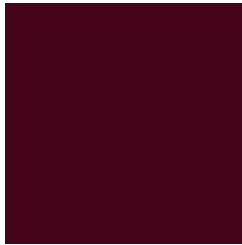
33.3630, -0.1790, 57.5636



76.5370, -0.2647, 131.9561

Previews

White Background



This preview shows how the YUV color 26.2420, -0.1193, 38.3758 looks on a white background.

Color Contrast Check

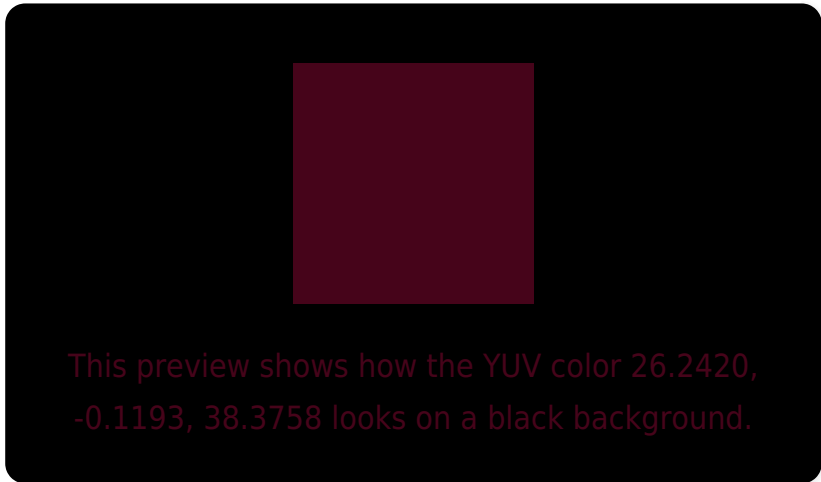
Large Text (above 18pt) WCAG AA ✓ Pass

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

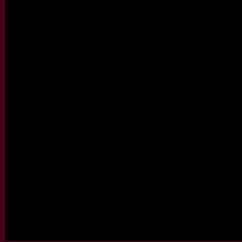
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.2420, -0.1193, 38.3758

Background



This preview shows how black text looks on a background with the YUV color 26.2420, -0.1193, 38.3758.



This preview shows how white text looks on a background with the YUV color 26.2420, -0.1193,

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

26.2420, -0.1193, 38.3758

Protanopia

36.2280, 0.8736, -0.2000

Deuteranopia

35.4370, -6.1314, 6.6328



Tritanopia

28.2280, -8.9864, 35.7570

Trichromacy



Original Color

26.2420, -0.1193, 38.3758

Protanomaly

32.3160, 0.8302, 13.7549

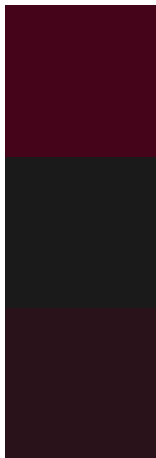
Deuteranomaly

32.0840, -3.9854, 18.3433

Tritanomaly

27.1510, -5.4974, 36.7016

Monochromacy



Original Color

26.2420, -0.1193, 38.3758

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.0880, -0.0434, 13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.2420, -0.1193, 38.3758 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(70, 4, 26)` looks like.

```
.text, #text, p{  
    color:rgb(70, 4, 26)  
}
```

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(70, 4, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 4, 26) }
```

Border

The CSS property to change the border of an element to YUV 26.2420, -0.1193, 38.3758 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(70, 4, 26) }
```


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

```
.border{ border-color:rgb(70, 4, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 4, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 4, 26); -webkit-box-shadow:4px  
4px 4px 4px rgb(70, 4, 26); box-shadow:4px  
4px 4px 4px rgb(70, 4, 26) }
```

Background

The CSS property to change the background color of an element to YUV 26.2420, -0.1193, 38.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 4, 26) }
```

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

```
.background{ background-color: rgb(70, 4,  
26) }
```

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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