

Converting Colors

YUV(26.4300, 8.1690, 39.9649)

Have a look what the booklet for
YUV(26.4300, 8.1690, 39.9649)
contains.

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Color

**YUV(26.4300, 8.1690,
39.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	48002B
RGB	72, 0, 43
RGB Percent	28%, 0%, 17%
CMY	0.7176, 1.0000, 0.8314
CMYK	0.00, 1.00, 0.40, 0.72
HSL	324°, 100%, 14%
HSV	324°, 100%, 28%
XYZ	3.1085, 1.5521, 2.4213
YIQ	26.4300, 29.1090, 28.6370

Conversions

Conversions Part 2

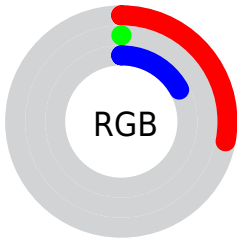
Format	Color
R_{YB}	72, 0, 43
Decimal	4718635
CIE Lab	12.94, 35.17, -6.35
CIE LCh	13, 35.744, 349.763
Yxy	1.5521, 0.4389, 0.2192
Android (android.graphics.Color)	4282908715 (0xFF48002B)
YUV	26.4300, 8.1690, 39.9649
Hunter-Lab	12.4585, 22.7355, -2.8018

Details

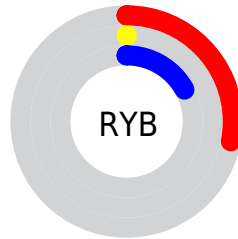
The YUV color **26.4300, 8.1690, 39.9649** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **45.5700, -8.1690, -39.9649**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.2190, 4.8220, 40.1499**, and **3.5880, -1.7689, 7.3773** is the 20% darker color. If you saturate the color by 10%, you get **26.4300, 8.1690, 39.9649**, and if you desaturate by 10%, it is **30.8810, 7.4537, 36.0614**.

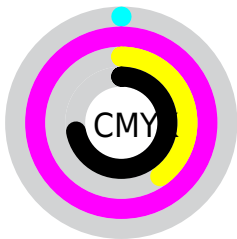
Distribution



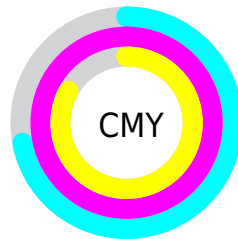
- Red (28%)
- Green (0%)
- Blue (17%)



- Red (28%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (72%)



- Cyan (72%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.4300, 8.1690, 39.9649 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 26.4300, 8.1690, 39.9649 by changing the saturation by 10% instead.

■ 26.4300, 8.1690,
39.9649

■ 26.4300, 8.1690,
39.9649

■ 245.6080, 4.6303,
8.2368

■ 17.2730, 2.8234,
27.8246

■ 78.2190, 4.8220,
40.1499

■ 3.5880, -1.7689,
7.3773

■ 103.2300, 4.8166,
41.8943

■ 0.0000, 0.0000,
0.0000

■ 129.7140, 4.0850,
43.2238

■ 155.8390, 4.5164,
44.8682

■ 183.4370, 4.2216,
46.0978

■ 208.0450, 5.4008,

41.1795

■ 227.7870, 9.9650,
23.8658

■ 26.4300, 8.1690,
39.9649

■ 30.8810, 7.4537,
36.0614

■ 35.3320, 6.7383,
32.1578

■ 40.3700, 5.7336,
27.7395

■ 44.8210, 5.0182,
23.8360

■ 49.2720, 4.3029,
19.9325

■ 53.6090, 3.1508,
16.1289

■ 58.0600, 2.4354,
12.2254

■ 63.0980, 1.4307,
7.8071

■ 67.5490, 0.7153,
3.9035

Harmonies

Analogous

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



33.6490, 15.9490, 17.8478



26.4300, 8.1690, 39.9649



25.0640, -3.4826, 43.7939

Triad

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



26.4300, 8.1690, 39.9649



30.0910, -14.8349, -1.8338



33.3350, 18.5688, -29.2348

Complementary

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



26.4300, 8.1690, 39.9649



45.5700, -8.1690, -39.9649

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.



31.5280, 9.1067, -27.6501



26.4300, 8.1690, 39.9649



24.0670, -11.8650, -21.1068

Square

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



26.4300, 8.1690, 39.9649



31.9730, -15.7627, 15.8097



28.5640, -2.2501, -25.0506



32.3550, 24.9680, -28.3753

Rectangle

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



26.4300, 8.1690, 39.9649



27.0990, -13.3598, 38.5012



28.5640, -2.2501, -25.0506



32.6510, 15.9481, -28.6349

Sweetspot

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



26.4300, 8.1690, 39.9649



76.3100, 3.2982, 15.5141



16.8790, 27.1747, 10.6301



37.2230, 1.8621, 9.4514



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.



26.4300, 8.1690, 39.9649



34.4900, 10.6044, 52.1903



22.3260, -7.5557, 43.5641



33.4240, 0.2840, 2.2592



36.3270, 11.1778, 54.9642



83.3770, 25.9431, 125.9574

Inverse Universe

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



26.4300, 8.1690, 39.9649



34.4900, 10.6044, 52.1903



49.6740, 7.5557, -43.5641



33.4240, 0.2840, 2.2592



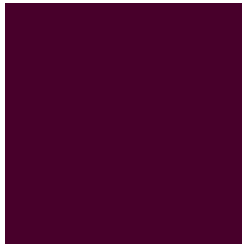
36.3270, 11.1778, 54.9642



83.3770, 25.9431, 125.9574

Previews

White Background



This preview shows how the YUV color 26.4300, 8.1690, 39.9649 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

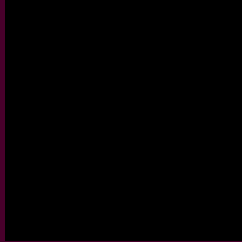
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.4300, 8.1690, 39.9649

Background



This preview shows how black text looks on a background with the YUV color 26.4300, 8.1690, 39.9649.



This preview shows how white text looks on a background with the YUV color 26.4300, 8.1690,

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

26.4300, 8.1690, 39.9649

Protanopia

37.1590, 12.2466, -8.0324

Deuteranopia

38.5380, 0.7208, 2.1592



Tritanopia

33.1460, -7.9600, 33.1980

Trichromacy



Original Color

26.4300, 8.1690, 39.9649

Protanomaly

33.5140, 10.5926, 9.1962

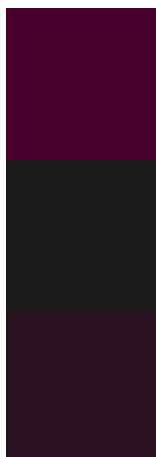
Deuteranomaly

34.3100, 3.2982, 15.5141

Tritanomaly

30.6500, -2.2924, 35.3869

Monochromacy



Original Color

26.4300, 8.1690, 39.9649

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.4840, 2.7194, 14.4845

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.4300, 8.1690, 39.9649 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, 0, 43)` looks like.

```
.text, #text, p{  
    color:rgb(72, 0, 43)  
}
```

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, 0, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 0, 43) }
```

Border

The CSS property to change the border of an element to YUV 26.4300, 8.1690, 39.9649 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, 0, 43) }
```


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

```
.border{ border-color:rgb(72, 0, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 0, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 0, 43); -webkit-box-shadow:4px  
4px 4px 4px rgb(72, 0, 43); box-shadow:4px  
4px 4px 4px rgb(72, 0, 43) }
```

Background

The CSS property to change the background color of an element to YUV 26.4300, 8.1690, 39.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 0, 43) }
```

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

```
.background{ background-color: rgb(72, 0,  
43) }
```

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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