

Converting Colors

YUV(26.4600, 16.0422, 34.6766)

Have a look what the booklet for
YUV(26.4600, 16.0422, 34.6766)
contains.

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Color

**YUV(26.4600, 16.0422,
34.6766)**

Conversions

Conversions Part 1

Format	Color
Hex	42003B
RGB	66, 0, 59
RGB Percent	26%, 0%, 23%
CMY	0.7412, 1.0000, 0.7686
CMYK	0.00, 1.00, 0.11, 0.74
HSL	306°, 100%, 13%
HSV	306°, 100%, 26%
XYZ	3.0362, 1.4740, 4.2622
YIQ	26.4600, 20.3970, 32.3410

Conversions

Conversions Part 2

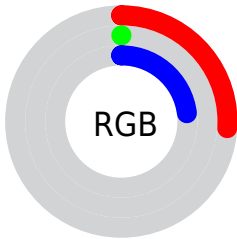
Format	Color
RYB	66, 0, 59
Decimal	4325435
CIELab	12.44, 36.05, -18.87
CIELCh	12, 40.693, 332.373
Yxy	1.4740, 0.3461, 0.1680
Android (android.graphics.Color)	4282515515 (0xFF42003B)
YUV	26.4600, 16.0422, 34.6766
Hunter-Lab	12.1409, 23.3925, -12.3156

Details

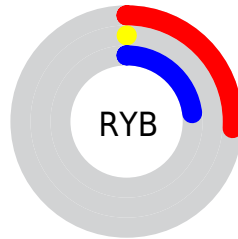
The YUV color **26.4600, 16.0422, 34.6766** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **39.5400, -16.0422, -34.6766**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.7050, 14.4424, 34.4617**, and **2.1940, 5.8204, -0.1701** is the 20% darker color. If you saturate the color by 10%, you get **26.4600, 16.0422, 34.6766**, and if you desaturate by 10%, it is **30.6830, 14.4533, 30.9730**.

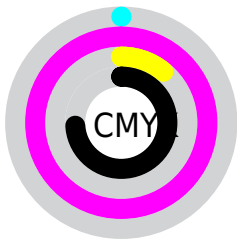
Distribution



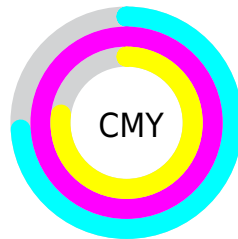
- Red (26%)
- Green (0%)
- Blue (23%)



- Red (26%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (74%)



- Cyan (74%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.4600, 16.0422, 34.6766 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 26.4600, 16.0422, 34.6766 by changing the saturation by 10% instead.

■ 26.4600, 16.0422,
34.6766

■ 26.4600, 16.0422,
34.6766

■ 245.0210, 4.9196,
8.7516

■ 17.3740, 9.6756,
23.3510

■ 77.7050, 14.4424,
34.4617

■ 2.1940, 5.8204,
-0.1701

■ 103.0040, 14.2950,
35.0765

■ 0.0000, 0.0000,
0.0000


■ 128.7160, 14.4370,
36.2061

■ 155.4280, 14.5790,
37.3356


■ 182.5530, 15.0104,
38.9800


■ 210.5530, 15.0104,


38.9800


 228.5850, 13.0226,
23.1660


 26.4600, 16.0422,
34.6766

 30.6830, 14.4533,
30.9730

 34.2050, 12.7169,
27.8842

 38.4280, 11.1280,
24.1806

 42.0640, 9.8284,
20.9919

 46.2870, 8.2395,
17.2883

■ 50.3960, 6.2138,
13.6847

■ 54.0320, 4.9142,
10.4959

■ 58.2550, 3.3253,
6.7924

■ 61.7770, 1.5889,
3.7036

Harmonies

Analogous

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



31.4060, 24.4498, -2.1101



26.4600, 16.0422, 34.6766



27.2690, 2.3324, 45.3681

Triad

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



26.4600, 16.0422, 34.6766



30.7440, -15.1568, 8.1175



32.8960, 14.3483, -28.8498

Complementary

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



26.4600, 16.0422, 34.6766



39.5400, -16.0422, -34.6766

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.



29.7040, 2.1179, -26.0504



26.4600, 16.0422, 34.6766



25.2850, -12.4655, -15.1589

Square

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



26.4600, 16.0422, 34.6766



29.9790, -14.7796, 27.2054



24.6540, -12.1544, -21.6216



34.1160, 24.0998, -29.9197

Rectangle

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



26.4600, 16.0422, 34.6766



24.4620, -7.1298, 46.9528



24.6540, -12.1544, -21.6216



31.8700, 10.4171, -27.9500

Sweetspot

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



26.4600, 16.0422, 34.6766



71.3960, 6.2138, 13.6847



9.6170, 27.7968, -2.2951



34.0810, 3.9041, 7.8220



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



26.4600, 16.0422, 34.6766



34.9050, 21.2458, 45.6873



22.6980, 1.6279, 37.9759



31.2390, 0.8682, 1.5444



38.9210, 23.7029, 50.9353



89.8900, 54.7772, 117.6145

Inverse Universe

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



26.4600, 16.0422, 34.6766



34.9050, 21.2458, 45.6873



43.3020, -1.6279, -37.9759



31.2390, 0.8682, 1.5444



38.9210, 23.7029, 50.9353



89.8900, 54.7772, 117.6145

Previews

White Background



This preview shows how the YUV color 26.4600, 16.0422, 34.6766 looks on a white background.

Color Contrast Check

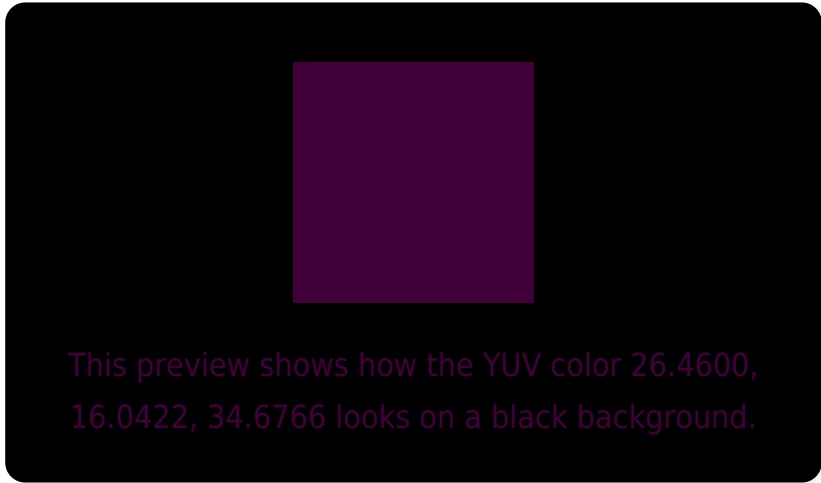
Large Text (above 18pt) WCAG AA ✓ Pass

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

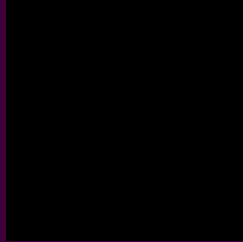
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.4600, 16.0422, 34.6766

Background



This preview shows how black text looks on a background with the YUV color 26.4600, 16.0422, 34.6766.



This preview shows how white text looks on a background with the YUV color 26.4600, 16.0422,

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



Protanopia

29.7960, 22.7786, -26.1311

Deuteranopia

36.3610, 9.1890, -7.3326

Tritanopia

35.1880, -5.0227, 24.3911

Trichromacy



Protanomaly

28.6570, 20.3821, -4.0842

Deuteranomaly

33.0300, 11.3242, 7.8667

Tritanomaly

32.1590, 2.3866, 27.9246

Monochromacy



Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.5700, 5.6350, 12.6551

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.4600, 16.0422, 34.6766 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(66, 0, 59)` looks like.

```
.text, #text, p{  
    color:rgb(66, 0, 59)  
}
```

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(66, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 0, 59) }
```

Border

The CSS property to change the border of an element to YUV 26.4600, 16.0422, 34.6766 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(66, 0, 59) }
```

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

```
.border{ border-color:rgb(66, 0, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 0, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 0, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 0, 59); box-shadow:4px  
4px 4px 4px rgb(66, 0, 59) }
```


Background

The CSS property to change the background color of an element to YUV 26.4600, 16.0422, 34.6766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 0, 59) }
```

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

```
.background{ background-color: rgb(66, 0,  
59) }
```

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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