

Converting Colors

YUV(28.4600, 49.5662, 15.3826)

Have a look what the booklet for
YUV(28.4600, 49.5662, 15.3826)
contains.

YUV(28.4600, 49.5662, 15.3826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(28.4600, 49.5662,
15.3826)**

Conversions

Conversions Part 1

Format	Color
Hex	2E0081
RGB	46, 0, 129
RGB Percent	18%, 0%, 51%
CMY	0.8196, 1.0000, 0.4941
CMYK	0.64, 1.00, 0.00, 0.49
HSL	261°, 100%, 25%
HSV	261°, 100%, 51%
XYZ	5.0892, 2.1658, 20.9187
YIQ	28.4600, -13.9930, 49.8710

Conversions

Conversions Part 2

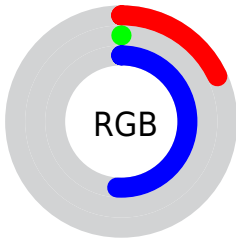
Format	Color
R_{YB}	46, 0, 129
Decimal	3014785
CIE _{Lab}	16.33, 49.08, -59.66
CIE _{LCh}	16, 77.251, 309.446
Yxy	2.1658, 0.1806, 0.0769
Android (android.graphics.Color)	4281204865 (0xFF2E0081)
YUV	28.4600, 49.5662, 15.3826
Hunter-Lab	14.7167, 35.9724, -73.9744

Details

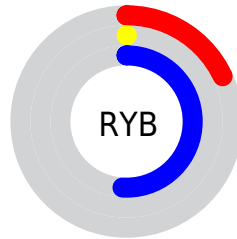
The YUV color **28.4600, 49.5662, 15.3826** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **100.5400, -49.5662, -15.3826**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.5420, 48.5398, 17.9417**, and **8.8920, 34.0702, -7.7983** is the 20% darker color. If you saturate the color by 10%, you get **28.4600, 49.5662, 15.3826**, and if you desaturate by 10%, it is **38.4830, 44.6249, 13.6084**.

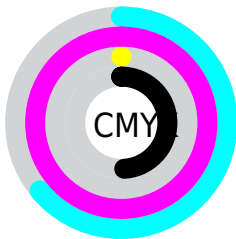
Distribution



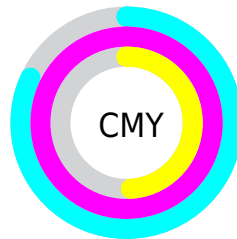
- Red (18%)
- Green (0%)
- Blue (51%)



- Red (18%)
- Yellow (0%)
- Blue (51%)



- Cyan (64%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (82%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.4600, 49.5662, 15.3826 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 28.4600, 49.5662, 15.3826 by changing the saturation by 10% instead.

■ 28.4600, 49.5662,
15.3826

■ 28.4600, 49.5662,
15.3826

■ 248.5430, 3.1833,
5.6628

■ 12.3400, 44.6954,
-9.0682

■ 84.5420, 48.5398,
17.9417

■ 8.8920, 34.0702,
-7.7983

■ 110.7810, 49.4080,
19.4861

■ 9.0910, 22.1401,
-7.9728

■ 138.0200, 50.2761,
21.0305

■ 4.8220, 13.3988,
-4.2289

■ 163.6630, 45.0291,
23.9745


■ 0.4560, 1.7472,
-0.3999


■ 188.1830, 32.9408,
27.9035


■ 0.0000, 0.0000,
0.0000


■ 213.5890, 20.4156,


31.9324


 231.5200, 11.5756,
20.5920


 28.4600, 49.5662,
15.3826

 38.4830, 44.6249,
13.6084

 48.8050, 39.5361,
12.4490

 58.8280, 34.5948,
10.6748

 68.8510, 29.6535,
8.9007

 78.8740, 24.7121,
7.1265

■ 88.6090, 19.9128,
6.4819

■ 98.6320, 14.9714,
4.7077

■ 108.6550, 10.0301,
2.9336

■ 118.9770, 4.9413,
1.7742

Harmonies

Analogous

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



44.6720, 54.3917, -39.1773



28.4600, 49.5662, 15.3826



42.7220, 18.8711, 60.7568

Triad

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



28.4600, 49.5662, 15.3826



35.0730, -17.2910, 39.4010



40.6580, 8.5496, -35.6571

Complementary

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



28.4600, 49.5662, 15.3826



100.5400, -49.5662, -15.3826

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.



33.4590, -16.4953, -29.3435



28.4600, 49.5662, 15.3826



36.2930, -17.8924, -1.1340

Square

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



28.4600, 49.5662, 15.3826



33.4880, -16.5096, 68.8550



31.1110, -15.3377, -27.2843



47.9880, 31.5579, -42.0855

Rectangle

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



28.4600, 49.5662, 15.3826



42.5050, 1.2300, 72.3481



31.1110, -15.3377, -27.2843



37.7910, 0.1030, -33.1427

Sweetspot

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



28.4600, 49.5662, 15.3826



129.0820, 19.1866, 6.0671



64.0140, 32.0381, -56.1403



60.7090, 11.4825, 3.7632



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



28.4600, 49.5662, 15.3826



37.0920, 64.5376, 20.0903



47.5960, 40.1322, 54.7283



58.6950, 2.6154, 1.1445



28.0470, 49.2768, 14.8678



0.0000, 0.0000, 0.0000

Inverse Universe

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



48.0330, 17.2387, 71.0081



62.5440, 22.4098, 92.4849



81.4040, -40.1322, -54.7283



59.5490, 0.7153, 3.9035



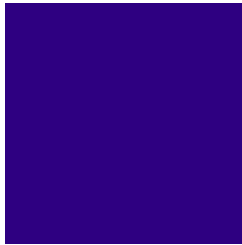
47.6200, 16.9493, 70.4933



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 28.4600, 49.5662, 15.3826 looks on a white background.

Color Contrast Check

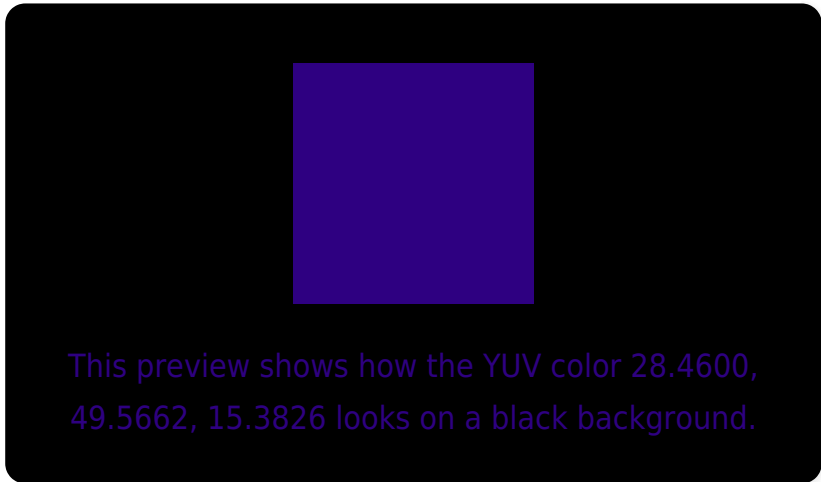
Large Text (above 18pt) WCAG AA ✓ Pass

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

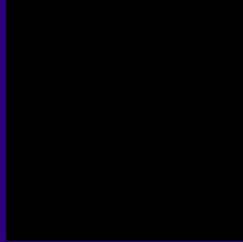
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.4600, 49.5662, 15.3826

Background



This preview shows how black text looks on a background with the YUV color 28.4600, 49.5662, 15.3826.



This preview shows how white text looks on a background with the YUV color 28.4600, 49.5662,

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

35.5010, 26.8680, -31.1344

Deuteranopia

35.6660, 19.8847, -31.2791

Tritanopia

34.8050, 8.9701, -30.5240

Trichromacy



Protanomaly

32.7880, 35.1075, -13.8461

Deuteranomaly

32.9360, 30.5976, -13.9759

Tritanomaly

32.5140, 23.9036, -13.6058

Monochromacy



Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.4410, 18.0236, 5.7522

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.4600, 49.5662, 15.3826 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(46, 0, 129)` looks like.

```
.text, #text, p{  
  color:rgb(46, 0, 129)  
}
```

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(46, 0, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 0, 129) }
```

Border

The CSS property to change the border of an element to YUV 28.4600, 49.5662, 15.3826 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(46, 0, 129) }
```

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

```
.border{ border-color:rgb(46, 0, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 0, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 0, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 0, 129);  
box-shadow:4px 4px 4px 4px rgb(46, 0, 129)  
}
```


Background

The CSS property to change the background color of an element to YUV 28.4600, 49.5662, 15.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 0, 129) }
```

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

```
.background{ background-color: rgb(46, 0,  
129) }
```

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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