

Converting Colors

YUV(42.3040, 66.4051, 27.7974)

Have a look what the booklet for
YUV(42.3040, 66.4051, 27.7974)
contains.

YUV(42.3040, 66.4051, 27.7974)	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(42.3040, 66.4051,
27.7974)**

Conversions

Conversions Part 1

Format	Color
Hex	4A00B1
RGB	74, 0, 177
RGB Percent	29%, 0%, 69%
CMY	0.7098, 1.0000, 0.3059
CMYK	0.58, 1.00, 0.00, 0.31
HSL	265°, 100%, 35%
HSV	265°, 100%, 69%
XYZ	10.7599, 4.6302, 41.9216
YIQ	42.3040, -12.7130, 70.7350

Conversions

Conversions Part 2

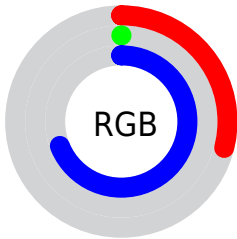
Format	Color
R_{YB}	74, 0, 177
Decimal	4849841
CIE Lab	25.65, 62.33, -73.68
CIE LCh	26, 96.510, 310.231
Yxy	4.6302, 0.1877, 0.0808
Android (android.graphics.Color)	4283039921 (0xFF4A00B1)
YUV	42.3040, 66.4051, 27.7974
Hunter-Lab	21.5178, 51.6016, -100.4478

Details

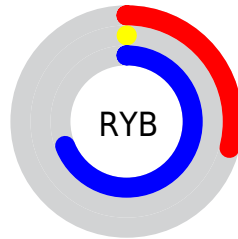
The YUV color **42.3040, 66.4051, 27.7974** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **134.6960, -66.4051, -27.7974**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.7830, 63.2110, 25.6233**, and **14.0220, 53.7262, -12.2973** is the 20% darker color. If you saturate the color by 10%, you get **42.3040, 66.4051, 27.7974**, and if you desaturate by 10%, it is **55.8600, 59.7220, 24.6788**.

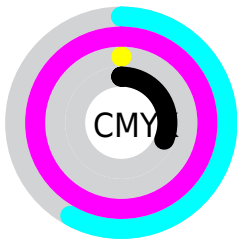
Distribution



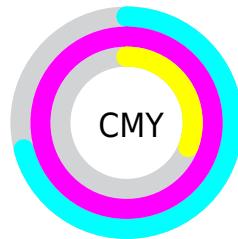
- Red (29%)
- Green (0%)
- Blue (69%)



- Red (29%)
- Yellow (0%)
- Blue (69%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (71%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.3040, 66.4051, 27.7974 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 42.3040, 66.4051, 27.7974 by changing the saturation by 10% instead.

■ 42.3040, 66.4051,
27.7974

■ 42.3040, 66.4051,
27.7974

■ 255.0000, 0.0000,
0.0000

■ 28.3480, 59.4814,
8.4648

■ 105.7830, 63.2110,
25.6233

■ 14.0220, 53.7262,
-12.2973

■ 132.9960, 60.1480,
28.0675

■ 11.0580, 42.3694,
-9.6979

■ 157.2280, 48.2016,
33.1260

■ 12.9040, 29.1343,
-11.3168

■ 182.6340, 35.6764,
37.1550

■ 7.8200, 19.8087,
-6.8581

■ 207.4530, 23.4407,
41.6987

■ 3.6650, 11.5042,
-3.2142

■ 224.4760, 15.0483,

■ 0.0000, 0.0000,

26.7695

0.0000

■ 241.4990, 6.6560,
11.8404

■ 42.3040, 66.4051,
27.7974

■ 55.8600, 59.7220,
24.6788

■ 69.1280, 53.1809,
22.6897

■ 82.6840, 46.4978,
19.5711

■ 96.2400, 39.8147,
16.4525

■ 110.0950, 32.9842,
13.9487

■ 123.0640, 26.5904,
11.3449

■ 136.6200, 19.9073,
8.2263

■ 150.1760, 13.2242,
5.1076

■ 163.4440, 6.6831,
3.1186

Harmonies

Analogous

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



64.0840, 72.9226, -56.2017



42.3040, 66.4051, 27.7974



59.7110, 25.7785, 85.3225

Triad

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



42.3040, 66.4051, 27.7974



54.3320, -26.7857, 51.4518



58.5250, 13.5452, -51.3264

Complementary

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



42.3040, 66.4051, 27.7974



134.6960, -66.4051, -27.7974

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.



47.5470, -23.4407, -41.6987



42.3040, 66.4051, 27.7974



54.2900, -26.7650, -2.0083

Square

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



42.3040, 66.4051, 27.7974



46.3450, -22.8481, 95.2904



45.1990, -22.2831, -39.6395



67.7930, 43.9791, -59.4545

Rectangle

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



42.3040, 66.4051, 27.7974



59.3220, 2.3063, 100.5726



45.1990, -22.2831, -39.6395



55.5610, 2.1884, -48.7270

Sweetspot

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



42.3040, 66.4051, 27.7974



177.2380, 26.0117, 10.3153



80.6390, 47.5060, -70.7204



83.1700, 15.6922, 6.8669



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



42.3040, 66.4051, 27.7974



54.9240, 86.3125, 36.0237



68.6160, 53.4333, 81.8978



82.2220, 3.3416, 1.5593



36.5780, 57.3960, 24.0491



6.2530, 9.7353, 4.1631

Inverse Universe

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



64.6650, 18.8992, 98.5178



84.0460, 24.6273, 128.0017



108.3840, -53.4333, -81.8978



83.3750, 1.2941, 4.9331



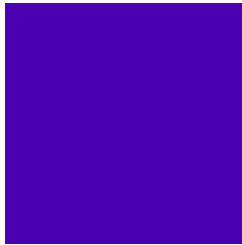
55.8930, 16.3218, 85.1628



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 42.3040, 66.4051, 27.7974 looks on a white background.

Color Contrast Check

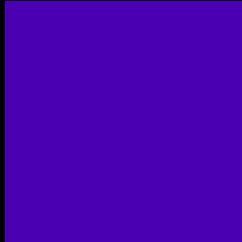
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 42.3040, 66.4051, 27.7974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

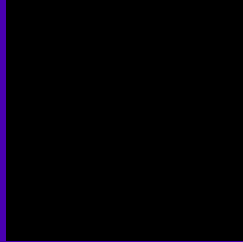
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.3040, 66.4051, 27.7974

Background



This preview shows how black text looks on a background with the YUV color 42.3040, 66.4051, 27.7974.



This preview shows how white text looks on a background with the YUV color 42.3040, 66.4051,

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

50.5130, 38.6941, -44.2999

Deuteranopia

50.6950, 29.2374, -44.4595

Tritanopia

58.2080, 7.7855, -23.8614

Trichromacy



Protanomaly

47.6100, 48.5063, -18.0750

Deuteranomaly

47.4160, 42.6859, -17.9048

Tritanomaly

52.5350, 28.8232, -4.8542

Monochromacy



Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.3690, 23.9751, 10.2004

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.3040, 66.4051, 27.7974 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(74, 0, 177)` looks like.

```
.text, #text, p{  
    color:rgb(74, 0, 177)  
}
```

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(74, 0, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 0, 177) }
```

Border

The CSS property to change the border of an element to YUV 42.3040, 66.4051, 27.7974 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(74, 0, 177) }
```

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

```
.border{ border-color:rgb(74, 0, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 0, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 0, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 0, 177);  
box-shadow:4px 4px 4px 4px rgb(74, 0, 177)  
}
```


Background

The CSS property to change the background color of an element to YUV 42.3040, 66.4051, 27.7974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 0, 177) }
```

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

```
.background{ background-color: rgb(74, 0,  
177) }
```

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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