

Converting Colors

YUV(26.2810, 47.6825, 12.9086)

Have a look what the booklet for
YUV(26.2810, 47.6825, 12.9086)
contains.

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Color

**YUV(26.2810, 47.6825,
12.9086)**

Conversions

Conversions Part 1

Format	Color
Hex	29007B
RGB	41, 0, 123
RGB Percent	16%, 0%, 48%
CMY	0.8392, 1.0000, 0.5176
CMYK	0.67, 1.00, 0.00, 0.52
HSL	260°, 100%, 24%
HSV	260°, 100%, 48%
XYZ	4.4896, 1.9015, 18.8693
YIQ	26.2810, -15.0470, 46.9450

Conversions

Conversions Part 2

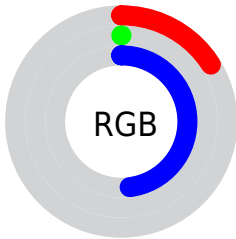
Format	Color
RYB	41, 0, 123
Decimal	2687099
CIELab	14.96, 47.29, -58.12
CIElCh	15, 74.930, 309.131
Yxy	1.9015, 0.1777, 0.0753
Android (android.graphics.Color)	4280877179 (0xFF29007B)
YUV	26.2810, 47.6825, 12.9086
Hunter-Lab	13.7894, 33.9852, -71.4793

Details

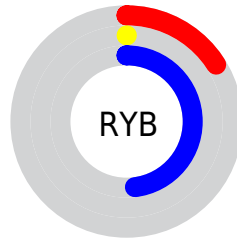
The YUV color **26.2810, 47.6825, 12.9086** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **96.7190, -47.6825, -12.9086**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.7760, 46.9454, 15.9824**, and **8.3220, 31.8863, -7.2984** is the 20% darker color. If you saturate the color by 10%, you get **26.2810, 47.6825, 12.9086**, and if you desaturate by 10%, it is **35.7170, 43.0305, 11.6492**.

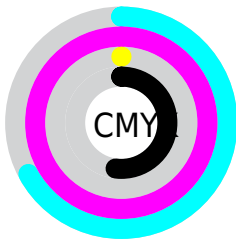
Distribution



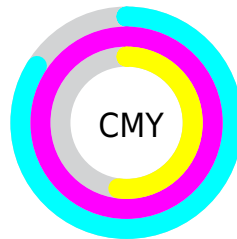
- Red (16%)
- Green (0%)
- Blue (48%)



- Red (16%)
- Yellow (0%)
- Blue (48%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (52%)



- Cyan (84%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.2810, 47.6825, 12.9086 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 26.2810, 47.6825, 12.9086 by changing the saturation by 10% instead.

■ 26.2810, 47.6825,
12.9086

■ 26.2810, 47.6825,
12.9086

■ 246.7820, 4.0515,
7.2072

■ 11.0580, 42.3694,
-9.6979

■ 81.7760, 46.9454,
15.9824

■ 8.3220, 31.8863,
-7.2984

■ 108.0150, 47.8136,
17.5268

■ 7.9340, 20.2455,
-6.9581

■ 134.2540, 48.6818,
19.0712

■ 3.6650, 11.5042,
-3.2142

■ 160.6950, 46.4924,
21.3155

■ 0.0000, 0.0000,
0.0000

■ 185.2150, 34.4040,
25.2444

■ 210.0340, 22.1682,

29.7882

■ 229.7590, 12.4438,
22.1364

■ 26.2810, 47.6825,
12.9086

■ 35.7170, 43.0305,
11.6492

■ 45.7400, 38.0892,
9.8750

■ 55.4750, 33.2898,
9.2304

■ 64.9110, 28.6379,
7.9711

■ 74.9340, 23.6965,
6.1969

■ 84.3700, 19.0446,
4.9375

■ 93.8060, 14.3926,
3.6781

■ 103.5410, 9.5933,
3.0335

■ 113.5640, 4.6519,
1.2594

Harmonies

Analogous

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



42.7000, 51.9129, -37.4479



26.2810, 47.6825, 12.9086



40.4720, 18.0083, 57.4681

Triad

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



26.2810, 47.6825, 12.9086



32.7030, -16.1226, 37.9715



37.7400, 7.5232, -33.0980

Complementary

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



26.2810, 47.6825, 12.9086



96.7190, -47.6825, -12.9086

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.



31.1110, -15.3377, -27.2843



26.2810, 47.6825, 12.9086



33.9340, -16.7295, -0.8191

Square

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



26.2810, 47.6825, 12.9086



31.6940, -15.6251, 65.1664



29.3500, -14.4695, -25.7399



44.9560, 30.0947, -39.4264

Rectangle

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



26.2810, 47.6825, 12.9086



40.0700, 0.9515, 68.3446



29.3500, -14.4695, -25.7399



35.6880, -0.3392, -31.2984

Sweetspot

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



26.2810, 47.6825, 12.9086



122.6690, 18.8972, 5.5523



62.1560, 29.9961, -54.5108



58.4100, 11.6299, 3.1484



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



26.2810, 47.6825, 12.9086



34.5000, 62.3645, 17.1015



44.8190, 38.5432, 51.0247



56.2820, 2.3260, 0.6297



26.8080, 48.4087, 13.3234



53.8440, 97.6909, 26.4468

Inverse Universe

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



46.1250, 17.6864, 67.4194



60.3370, 23.0049, 88.2815



78.1810, -38.5432, -51.0247



57.2500, 0.8628, 3.2887



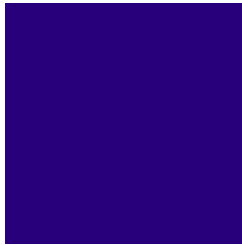
46.8370, 17.8284, 68.5490



94.5000, 36.2355, 138.1275

Previews

White Background



This preview shows how the YUV color 26.2810, 47.6825, 12.9086 looks on a white background.

Color Contrast Check

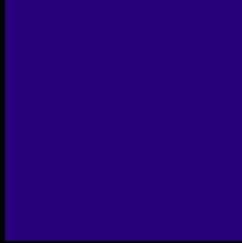
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2810, 47.6825, 12.9086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

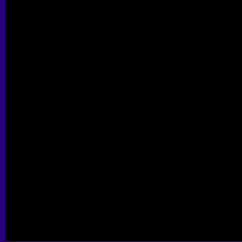
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.2810, 47.6825, 12.9086

Background



This preview shows how black text looks on a background with the YUV color 26.2810, 47.6825, 12.9086.



This preview shows how white text looks on a background with the YUV color 26.2810, 47.6825,

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

33.0560, 25.1154, -28.9901

Trichromacy



Protanomaly

30.3320, 33.3603, -13.4462

Monochromacy



Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.2020, 17.1554, 4.2078

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.2810, 47.6825, 12.9086 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(41, 0, 123)` looks like.

```
.text, #text, p{  
    color:rgb(41, 0, 123)  
}
```

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(41, 0, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 0, 123) }
```

Border

The CSS property to change the border of an element to YUV 26.2810, 47.6825, 12.9086 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(41, 0, 123) }
```

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

```
.border{ border-color:rgb(41, 0, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 0, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 0, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 0, 123);  
box-shadow:4px 4px 4px 4px rgb(41, 0, 123)  
}
```


Background

The CSS property to change the background color of an element to YUV 26.2810, 47.6825, 12.9086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 0, 123) }
```

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

```
.background{ background-color: rgb(41, 0,  
123) }
```

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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