

Converting Colors

YUV(25.8100, 41.9987, 15.9526)

Have a look what the booklet for
YUV(25.8100, 41.9987, 15.9526)
contains.

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Color

**YUV(25.8100, 41.9987,
15.9526)**

Conversions

Conversions Part 1

Format	Color
Hex	2C006F
RGB	44, 0, 111
RGB Percent	17%, 0%, 44%
CMY	0.8275, 1.0000, 0.5647
CMYK	0.60, 1.00, 0.00, 0.56
HSL	264°, 100%, 22%
HSV	264°, 100%, 44%
XYZ	3.9079, 1.6832, 15.1578
YIQ	25.8100, -9.4070, 43.8490

Conversions

Conversions Part 2

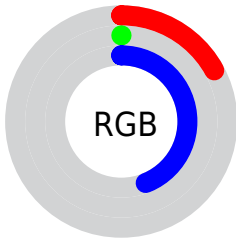
Format	Color
R_{YB}	44, 0, 111
Decimal	2883695
CIE _{Lab}	13.73, 44.43, -52.40
CIE _{LCh}	14, 68.703, 310.298
Yxy	1.6832, 0.1883, 0.0811
Android (android.graphics.Color)	4281073775 (0xFF2C006F)
YUV	25.8100, 41.9987, 15.9526
Hunter-Lab	12.9737, 31.0639, -60.1899

Details

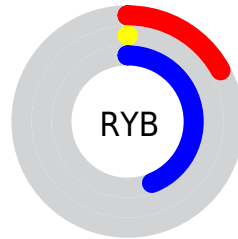
The YUV color **25.8100, 41.9987, 15.9526** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **85.1900, -41.9987, -15.9526**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.7070, 41.5564, 17.7970**, and **7.0680, 27.0815, -6.1986** is the 20% darker color. If you saturate the color by 10%, you get **25.8100, 41.9987, 15.9526**, and if you desaturate by 10%, it is **34.3600, 37.7835, 14.5933**.

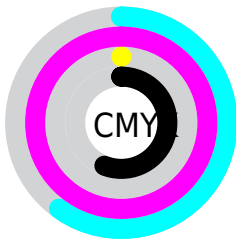
Distribution



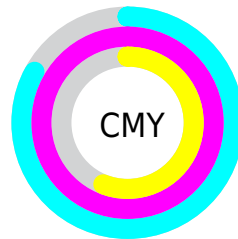
- Red (17%)
- Green (0%)
- Blue (44%)



- Red (17%)
- Yellow (0%)
- Blue (44%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (83%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.8100, 41.9987, 15.9526 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 25.8100, 41.9987, 15.9526 by changing the saturation by 10% instead.

■ 25.8100, 41.9987,
15.9526

■ 25.8100, 41.9987,
15.9526

■ 245.6080, 4.6303,
8.2368

■ 13.0930, 35.9432,
-1.8356

■ 79.7070, 41.5564,
17.7970

■ 7.0680, 27.0815,
-6.1986

■ 104.9460, 42.4246,
19.3414

■ 6.2070, 16.1669,
-5.4435

■ 131.2990, 43.7296,
20.7858

■ 2.4110, 6.6994,
-2.1144

■ 158.5380, 44.5978,
22.3302

■ 0.0000, 0.0000,
0.0000

■ 183.4430, 35.2776,
25.0445

■ 208.2620, 23.0418,

29.5882

■ 228.5850, 13.0226,
23.1660

■ 25.8100, 41.9987,
15.9526

■ 34.3600, 37.7835,
14.5933

■ 42.6110, 33.7158,
12.6192

■ 51.1610, 29.5006,
11.2598

■ 59.7110, 25.2855,
9.9005

■ 68.8480, 20.7809,
8.0263

■ 77.0990, 16.7132,
6.0522

■ 85.6490, 12.4980,
4.6928

■ 94.1990, 8.2829,
3.3335

■ 102.4500, 4.2152,
1.3594

Harmonies

Analogous

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



38.1690, 47.2447, -33.4742



25.8100, 41.9987, 15.9526



37.1680, 15.6932, 53.3497

Triad

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



25.8100, 41.9987, 15.9526



31.1970, -15.3801, 33.1532



35.7510, 7.5178, -31.3536

Complementary

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



25.8100, 41.9987, 15.9526



85.1900, -41.9987, -15.9526

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.



29.3500, -14.4695, -25.7399



25.8100, 41.9987, 15.9526



31.5640, -15.5611, -2.2486

Square

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



25.8100, 41.9987, 15.9526



29.0030, -14.2985, 59.6334



27.5890, -13.6014, -24.1956



41.6960, 27.7579, -36.5674

Rectangle

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



25.8100, 41.9987, 15.9526



36.8090, 0.0942, 63.3115



27.5890, -13.6014, -24.1956



33.2260, 0.3816, -29.1392

Sweetspot

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



25.8100, 41.9987, 15.9526



111.9850, 16.2764, 6.1522



52.5700, 28.8060, -46.1039



53.3670, 10.1721, 4.0631



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



25.8100, 41.9987, 15.9526



33.8720, 54.7861, 21.1603



41.9560, 34.0387, 49.1506



51.5810, 2.1786, 1.2445



28.0320, 45.3402, 17.5119



57.4600, 93.4432, 35.5536

Inverse Universe

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



40.8270, 12.9033, 61.5417



53.3870, 17.0642, 80.3446



69.0440, -34.0387, -49.1506



52.2500, 0.8628, 3.2888



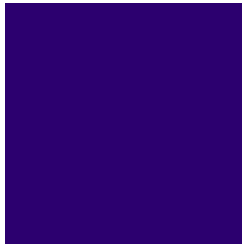
44.0880, 13.7606, 66.5748



90.8390, 28.6734, 136.9532

Previews

White Background



This preview shows how the YUV color 25.8100, 41.9987, 15.9526 looks on a white background.

Color Contrast Check

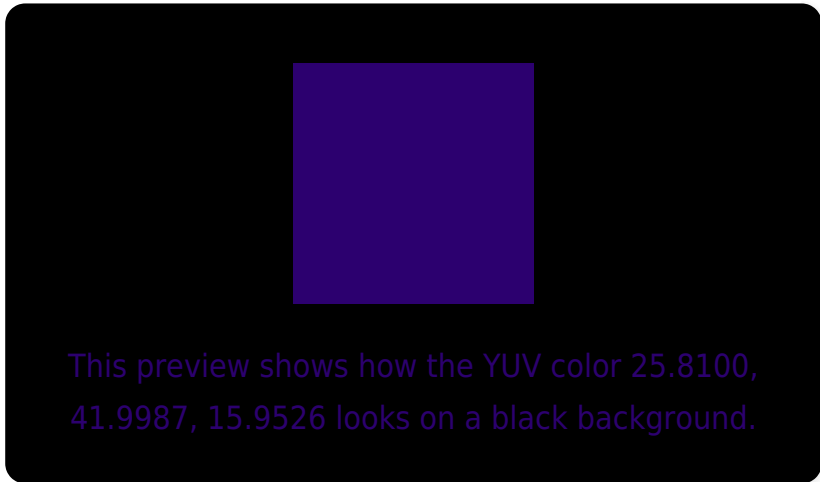
Large Text (above 18pt) WCAG AA ✓ Pass

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

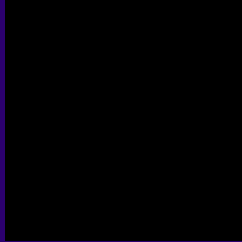
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.8100, 41.9987, 15.9526

Background



This preview shows how black text looks on a background with the YUV color 25.8100, 41.9987, 15.9526.



This preview shows how white text looks on a background with the YUV color 25.8100, 41.9987,

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

31.3120, 23.5102, -27.4606

Deuteranopia

31.2320, 18.1266, -27.3905

Tritanopia

33.8880, 6.4642, -20.0728

Trichromacy



Protanomaly

29.2460, 30.4447, -11.6167

Deuteranomaly

29.0350, 27.0977, -11.4317

Tritanomaly

30.7060, 19.3719, -6.7582

Monochromacy



Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.3440, 15.1134, 5.8373

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.8100, 41.9987, 15.9526 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(44, 0, 111)` looks like.

```
.text, #text, p{  
    color:rgb(44, 0, 111)  
}
```

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(44, 0, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 0, 111) }
```

Border

The CSS property to change the border of an element to YUV 25.8100, 41.9987, 15.9526 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(44, 0, 111) }
```

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

```
.border{ border-color:rgb(44, 0, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 0, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 0, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 0, 111);  
box-shadow:4px 4px 4px 4px rgb(44, 0, 111)  
}
```


Background

The CSS property to change the background color of an element to YUV 25.8100, 41.9987, 15.9526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 0, 111) }
```

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

```
.background{ background-color: rgb(44, 0,  
111) }
```

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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