

Converting Colors

YUV(30.8850, 24.7067, 8.8709)

Have a look what the booklet for
YUV(30.8850, 24.7067, 8.8709)
contains.

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Color

**YUV(30.8850, 24.7067,
8.8709)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 291051 |
| RGB | 41, 16, 81 |
| RGB Percent | 16%, 6%, 32% |
| CMY | 0.8392, 0.9373, 0.6824 |
| CMYK | 0.49, 0.80, 0.00, 0.68 |
| HSL | 263°, 67%, 19% |
| HSV | 263°, 80%, 32% |
| XYZ | 2.5849, 1.4361, 7.9255 |
| YIQ | 30.8850, -5.9650, 25.5150 |

Conversions

Conversions Part 2

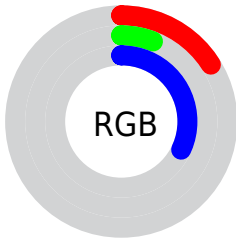
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 41, 16, 81 |
| Decimal | 2691153 |
| CIE _{Lab} | 12.20, 28.83, -34.89 |
| CIE _{LCh} | 12, 45.262, 309.564 |
| Yxy | 1.4361, 0.2164, 0.1202 |
| Android (android.graphics.Color) | 4280881233 (0xFF291051) |
| YUV | 30.8850, 24.7067, 8.8709 |
| Hunter-Lab | 11.9837, 17.5321, -30.8236 |




Details

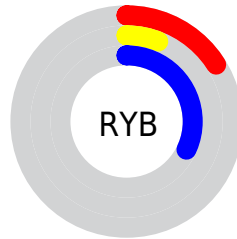
The YUV color **30.8850, 24.7067, 8.8709** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **66.1150, -24.7067, -8.8709**, and the grayscale version is **31.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **77.9500, 26.1537, 11.4449**, and **5.1640, 14.7091, -4.5288** is the 20% darker color. If you saturate the color by 10%, you get **24.6940, 27.7589, 9.9154**, and if you desaturate by 10%, it is **37.0760, 21.6545, 7.8263**.

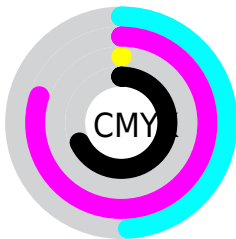
Distribution







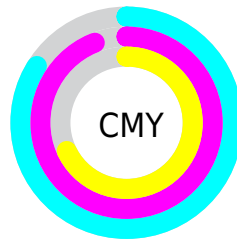
-  Red (16%)
-  Green (6%)
-  Blue (32%)






-  Red (16%)
-  Yellow (6%)
-  Blue (32%)



-  Cyan (49%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (68%)



-  Cyan (84%)
-  Magenta (94%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.8850, 24.7067, 8.8709 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 30.8850, 24.7067, 8.8709 by changing the saturation by 10% instead.

■ 30.8850, 24.7067,
8.8709

■ 30.8850, 24.7067,
8.8709

■ 249.1300, 2.8939,
5.1480

■ 12.5920, 22.3861,
6.4968

■ 77.9500, 26.1537,
11.4449

■ 5.1640, 14.7091,
-4.5288

■ 102.1890, 27.0218,
12.9892

■ 1.1400, 4.3680,
-0.9998

■ 127.8300, 28.1848,
13.3041

■ 0.0000, 0.0000,
0.0000

■ 154.2430, 28.4742,
13.8189

■ 181.1830, 29.4898,
14.7485

■ 207.2990, 23.5166,

17.2778

232.1070, 11.2862,
20.0772

30.8850, 24.7067,
8.8709

30.8850, 24.7067,
8.8709

24.6940, 27.7589,
9.9154

37.0760, 21.6545,
7.8263

18.5030, 30.8110,
10.9599

43.2670, 18.6024,
6.7818

49.4580, 15.5502,
5.7373

55.6490, 12.4980,
4.6928

62.4270, 9.1565,
3.1335

■ 68.6180, 6.1043,
2.0890

■ 74.8090, 3.0522,
1.0445

■ 81.0000, 0.0000,
0.0000

■ 87.1910, -3.0522,
-1.0445

Harmonies

Analogous

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



30.7880, 31.6565, -27.0011



30.8850, 24.7067, 8.8709



28.2820, 12.6790, 40.0947

Triad

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



30.8850, 24.7067, 8.8709



30.2560, -14.9162, 24.3315



31.0890, 4.8861, -27.2651

Complementary

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



30.8850, 24.7067, 8.8709



66.1150, -24.7067, -8.8709

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.



26.2840, -10.9860, -23.0511



30.8850, 24.7067, 8.8709



29.5260, -14.5563, 2.1697

Square

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



30.8850, 24.7067, 8.8709



22.7240, -11.2029, 46.7231



23.4800, -11.5756, -20.5920



34.0360, 18.7163, -29.8496

Rectangle

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



30.8850, 24.7067, 8.8709



28.3940, 2.7638, 47.0125



23.4800, -11.5756, -20.5920



29.9490, 0.5181, -26.2653

Sweetspot

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



30.8850, 24.7067, 8.8709



84.9540, 9.8827, 3.5483



46.8900, 16.8162, -27.0905



41.6180, 6.1043, 2.0890



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



30.8850, 24.7067, 8.8709



27.1750, 38.3677, 13.8785



40.4530, 19.9897, 28.5437



37.7550, 1.5998, 0.2149



23.9300, 39.9675, 14.0934



53.0590, 88.2179, 31.5203

Inverse Universe

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



39.9950, 7.8905, 35.9614



41.2670, 12.1934, 55.8938



56.5470, -19.9897, -28.5437



38.4240, 0.2840, 2.2592



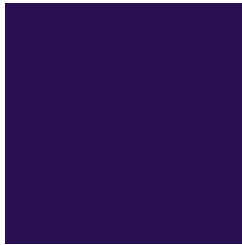
38.6910, 12.4773, 58.1530



85.6700, 28.2637, 128.3314

Previews

White Background



This preview shows how the YUV color 30.8850, 24.7067, 8.8709 looks on a white background.

Color Contrast Check

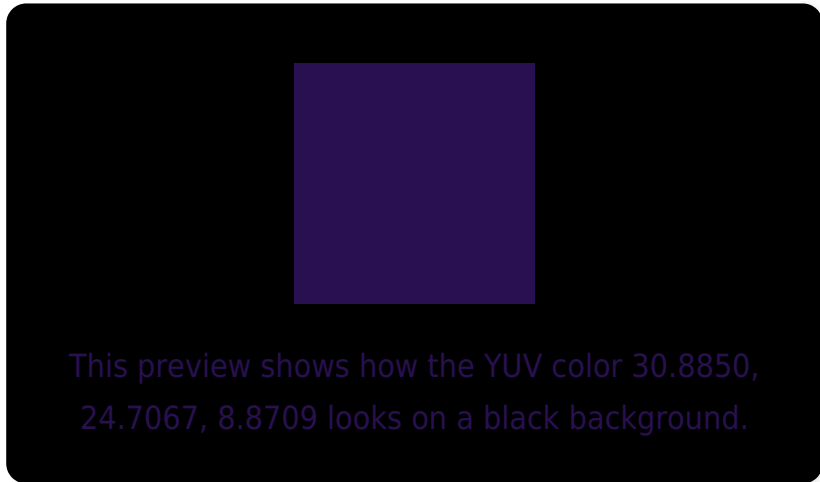
Large Text (above 18pt) WCAG AA ✓ Pass

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

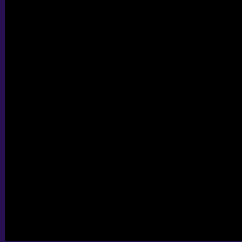
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.8850, 24.7067, 8.8709

Background



This preview shows how black text looks on a background with the YUV color 30.8850, 24.7067, 8.8709.



This preview shows how white text looks on a background with the YUV color 30.8850, 24.7067,

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



Original Color

30.8850, 24.7067, 8.8709

Protanopia

26.5360, 20.4418, -23.2721

Tritanopia

32.8470, 2.0474, -3.3738

Trichromacy



Original Color

30.8850, 24.7067, 8.8709

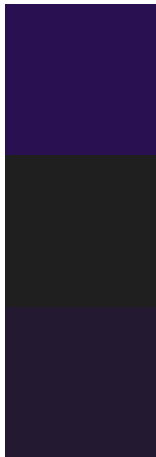
Protanomaly

28.0690, 22.1510, -11.4615

Tritanomaly

31.7580, 10.4723, 1.0892

Monochromacy



Original Color

30.8850, 24.7067, 8.8709

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.3130, 8.7197, 3.2335

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.8850, 24.7067, 8.8709 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, 16, 81)` looks like.

```
.text, #text, p{  
    color:rgb(41, 16, 81)  
}
```

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, 16, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 16, 81) }
```

Border

The CSS property to change the border of an element to YUV 30.8850, 24.7067, 8.8709 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, 16, 81) }
```

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

```
.border{ border-color:rgb(41, 16, 81) }
```

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

Here you see how a box with a 4 pixel rgb(41, 16, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 16, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 16, 81);  
box-shadow:4px 4px 4px 4px rgb(41, 16, 81)  
}
```


Background

The CSS property to change the background color of an element to YUV 30.8850, 24.7067, 8.8709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 16, 81) }
```

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

```
.background{ background-color: rgb(41, 16,  
81) }
```

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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