

Converting Colors

YUV(30.9980, 67.0490, 7.8948)

Have a look what the booklet for
YUV(30.9980, 67.0490, 7.8948)
contains.

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Color

**YUV(30.9980, 67.0490,
7.8948)**

Conversions

Conversions Part 1

Format	Color
Hex	2800A7
RGB	40, 0, 167
RGB Percent	16%, 0%, 65%
CMY	0.8431, 1.0000, 0.3451
CMYK	0.76, 1.00, 0.00, 0.35
HSL	254°, 100%, 33%
HSV	254°, 100%, 65%
XYZ	7.8501, 3.2411, 36.7711
YIQ	30.9980, -29.7670, 60.4170

Conversions

Conversions Part 2

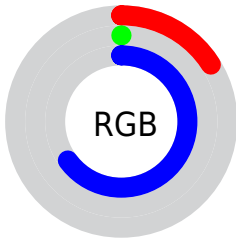
Format	Color
R_{YB}	40, 0, 167
Decimal	2621607
CIE _{Lab}	20.98, 58.33, -75.51
CIE _{LCh}	21, 95.414, 307.685
Yxy	3.2411, 0.1640, 0.0677
Android (android.graphics.Color)	4280811687 (0xFF2800A7)
YUV	30.9980, 67.0490, 7.8948
Hunter-Lab	18.0032, 46.3279, -108.4964

Details

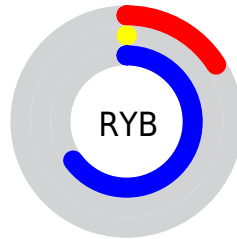
The YUV color **30.9980, 67.0490, 7.8948** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **136.0020, -67.0490, -7.8948**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.3470, 64.4119, 13.7277**, and **12.8820, 49.3582, -11.2975** is the 20% darker color. If you saturate the color by 10%, you get **30.9980, 67.0490, 7.8948**, and if you desaturate by 10%, it is **44.8640, 60.2130, 7.1353**.

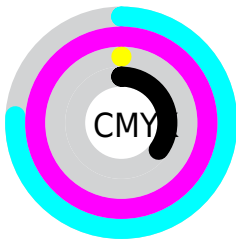
Distribution



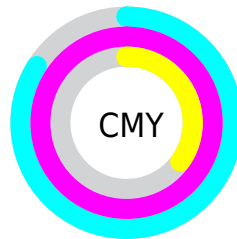
- Red (16%)
- Green (0%)
- Blue (65%)



- Red (16%)
- Yellow (0%)
- Blue (65%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (84%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.9980, 67.0490, 7.8948 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 30.9980, 67.0490, 7.8948 by changing the saturation by 10% instead.

■ 30.9980, 67.0490,
7.8948

■ 30.9980, 67.0490,
7.8948

■ 252.6520, 1.1576,
2.0592

■ 15.9600, 61.1517,
-13.9969

■ 93.3470, 64.4119,
13.7277

■ 12.8820, 49.3582,
-11.2975

■ 121.1840, 64.9853,
16.5016

■ 10.0320, 38.4382,
-8.7981

■ 145.6440, 53.9125,
21.3602

■ 10.7040, 25.7819,
-9.3874

■ 170.4630, 41.6767,
25.9039

■ 6.3210, 16.6037,
-5.5435

■ 195.2820, 29.4410,
30.4477

■ 2.6390, 7.5730,
-2.3144

■ 219.1930, 17.6529,

■ 0.0000, 0.0000,

31.4027

0.0000

■ 235.6290, 9.5499,
16.9884

■ 30.9980, 67.0490,
7.8948

■ 44.8640, 60.2130,
7.1353

■ 57.8440, 53.8139,
6.2758

■ 71.7100, 46.9780,
5.5163

■ 85.5760, 40.1420,
4.7568

■ 98.5560, 33.7429,
3.8974

■ 112.4220, 26.9070,
3.1379

■ 126.2880, 20.0710,
2.3784

■ 140.1540, 13.2351,
1.6189

■ 153.1340, 6.8359,
0.7595

Harmonies

Analogous

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



57.7920, 69.1225, -50.6836



30.9980, 67.0490, 7.8948



53.6450, 25.8110, 74.8563

Triad

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



30.9980, 67.0490, 7.8948



40.7760, -20.1026, 54.5704



49.4290, 9.1555, -43.3492

Complementary

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



30.9980, 67.0490, 7.8948



136.0020, -67.0490, -7.8948

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.



40.5030, -19.9680, -35.5211



30.9980, 67.0490, 7.8948



46.3380, -22.8446, 0.5806

Square

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



30.9980, 67.0490, 7.8948



42.4580, -20.9318, 87.2983



38.1550, -18.8104, -33.4619



58.5830, 39.1526, -51.3773

Rectangle

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



30.9980, 67.0490, 7.8948



53.7830, 3.0650, 90.5213



38.1550, -18.8104, -33.4619



45.9920, -1.4751, -40.3350

Sweetspot

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



30.9980, 67.0490, 7.8948



163.8950, 26.1808, 2.7231



94.1740, 35.9032, -82.5906



77.5500, 15.9979, 2.1487



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



30.9980, 67.0490, 7.8948



40.2860, 87.1200, 10.2732



55.5160, 54.9616, 58.3065



77.5100, 3.1996, 0.4297



27.3370, 59.4869, 6.7205



3.7750, 7.9989, 1.0743

Inverse Universe

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



64.4110, 30.8564, 89.9706



83.6930, 40.0844, 116.9102



111.4840, -54.9616, -58.3065



79.0760, 1.4415, 4.3183



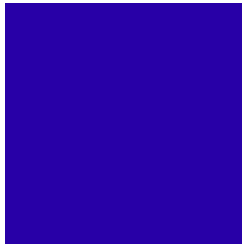
57.0200, 27.1051, 79.7895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 30.9980, 67.0490, 7.8948 looks on a white background.

Color Contrast Check

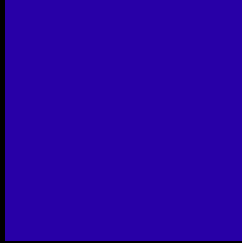
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9980, 67.0490, 7.8948 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 30.9980, 67.0490, 7.8948

Background



This preview shows how black text looks on a background with the YUV color 30.9980, 67.0490, 7.8948.



This preview shows how white text looks on a background with the YUV color 30.9980, 67.0490,

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

42.8360, 32.1259, -37.5672

Deuteranopia

42.7730, 24.2689, -37.5119

Tritanopia

41.7010, 10.0074, -36.5718

Trichromacy



Protanomaly

38.5620, 44.5859, -20.6639

Deuteranomaly

38.5960, 39.6392, -20.6937

Tritanomaly

38.1910, 30.4718, -20.3385

Monochromacy



Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.0260, 24.1442, 2.6082

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.9980, 67.0490, 7.8948 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(40, 0, 167)` looks like.

```
.text, #text, p{  
    color:rgb(40, 0, 167)  
}
```

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(40, 0, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 0, 167) }
```

Border

The CSS property to change the border of an element to YUV 30.9980, 67.0490, 7.8948 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(40, 0, 167) }
```

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

```
.border{ border-color:rgb(40, 0, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 0, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 0, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 0, 167);  
box-shadow:4px 4px 4px 4px rgb(40, 0, 167)  
}
```


Background

The CSS property to change the background color of an element to YUV 30.9980, 67.0490, 7.8948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 0, 167) }
```

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

```
.background{ background-color: rgb(40, 0,  
167) }
```

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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