

Converting Colors

YUV(32.8070, 19.8151, 37.8803)

Have a look what the booklet for
YUV(32.8070, 19.8151, 37.8803)
contains.

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Color

**YUV(32.8070, 19.8151,
37.8803)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0349
RGB	76, 3, 73
RGB Percent	30%, 1%, 29%
CMY	0.7020, 0.9882, 0.7137
CMYK	0.00, 0.96, 0.04, 0.70
HSL	302°, 92%, 15%
HSV	302°, 96%, 30%
XYZ	4.2157, 2.0827, 6.4831
YIQ	32.8070, 21.0380, 37.2460

Conversions

Conversions Part 2

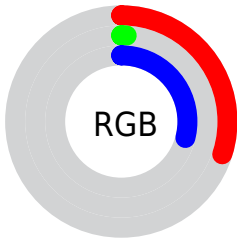
Format	Color
R_{YB}	76, 3, 73
Decimal	4981577
CIE _{Lab}	15.92, 39.42, -23.07
CIE _{LCh}	16, 45.678, 329.663
Yxy	2.0827, 0.3298, 0.1629
Android (android.graphics.Color)	4283171657 (0xFF4C0349)
YUV	32.8070, 19.8151, 37.8803
Hunter-Lab	14.4314, 26.8877, -16.5333

Details

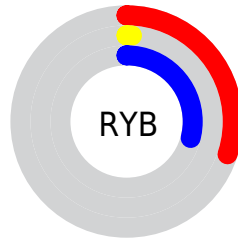
The YUV color **32.8070, 19.8151, 37.8803** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **46.1930, -19.8151, -37.8803**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.2260, 17.6366, 36.6358**, and **11.6780, 8.5397, 14.3144** is the 20% darker color. If you saturate the color by 10%, you get **31.0460, 20.6833, 39.4247**, and if you desaturate by 10%, it is **37.5030, 17.5000, 33.7619**.

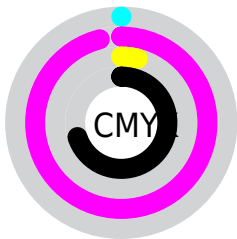
Distribution



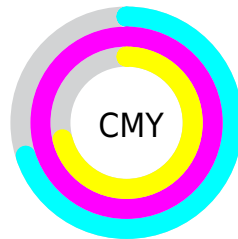
- Red (30%)
- Green (1%)
- Blue (29%)



- Red (30%)
- Yellow (1%)
- Blue (29%)



- Cyan (0%)
- Magenta (96%)
- Yellow (4%)
- Black (70%)



- Cyan (70%)
- Magenta (99%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.8070, 19.8151, 37.8803 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 32.8070, 19.8151, 37.8803 by changing the saturation by 10% instead.

■ 32.8070, 19.8151,
37.8803

■ 32.8070, 19.8151,
37.8803

■ 249.7170, 2.6045,
4.6332

■ 21.2480, 14.1747,
26.9695

■ 86.2260, 17.6366,
36.6358

■ 11.6780, 8.5397,
14.3144

■ 111.9380, 17.7786,
37.7654

■ 0.0000, 0.0000,
0.0000


■ 137.7640, 18.3573,
38.7950


■ 164.4760, 18.4993,
39.9245


■ 192.1880, 18.6413,
41.0541


■ 216.2580, 19.0998,


33.9767


 232.6940, 10.9969,
19.5624


 32.8070, 19.8151,
37.8803


 32.8070, 19.8151,
37.8803


 31.0460, 20.6833,
39.4247

 37.5030, 17.5000,
33.7619

 41.7260, 15.9111,
30.0583

 46.4220, 13.5960,
25.9399

 50.5310, 11.5702,
22.3363

 55.3410, 9.6919,
18.1179

■ 60.0370, 7.3768,
13.9996

■ 64.1460, 5.3510,
10.3960

■ 68.8420, 3.0359,
6.2776

■ 73.0650, 1.4470,
2.5740

Harmonies

Analogous

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



37.6270, 29.2709, -8.4429



32.8070, 19.8151, 37.8803



32.2960, 4.7841, 52.3604

Triad

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



32.8070, 19.8151, 37.8803



37.5550, -18.5146, 11.7913



38.6180, 15.9643, -33.8680

Complementary

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



32.8070, 19.8151, 37.8803



46.1930, -19.8151, -37.8803

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.



34.8560, 1.5500, -30.5687



32.8070, 19.8151, 37.8803



32.6720, -16.1073, -13.7443

Square

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



32.8070, 19.8151, 37.8803



35.9260, -17.7115, 34.2679



29.3500, -14.4695, -25.7399



40.8810, 27.1737, -35.8526

Rectangle

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



32.8070, 19.8151, 37.8803



30.0870, -4.9729, 55.1747



29.3500, -14.4695, -25.7399



38.0650, 11.3070, -33.3830

Sweetspot

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



32.8070, 19.8151, 37.8803



82.4500, 7.6662, 14.5144



11.9200, 31.5914, -6.0688



40.3200, 4.7722, 9.3664



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



32.8070, 19.8151, 37.8803



40.4310, 26.9025, 51.3650



28.7030, 4.0904, 41.4795



35.6520, 1.1576, 2.0592



41.6700, 27.7707, 52.9094



93.8500, 62.1919, 119.4036

Inverse Universe

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



32.8070, 19.8151, 37.8803



40.4310, 26.9025, 51.3650



50.2970, -4.0904, -41.4795



35.6520, 1.1576, 2.0592



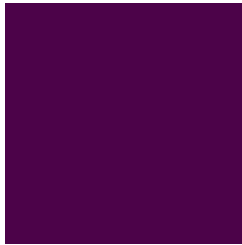
41.6700, 27.7707, 52.9094



93.8500, 62.1919, 119.4036

Previews

White Background



This preview shows how the YUV color 32.8070, 19.8151, 37.8803 looks on a white background.

Color Contrast Check

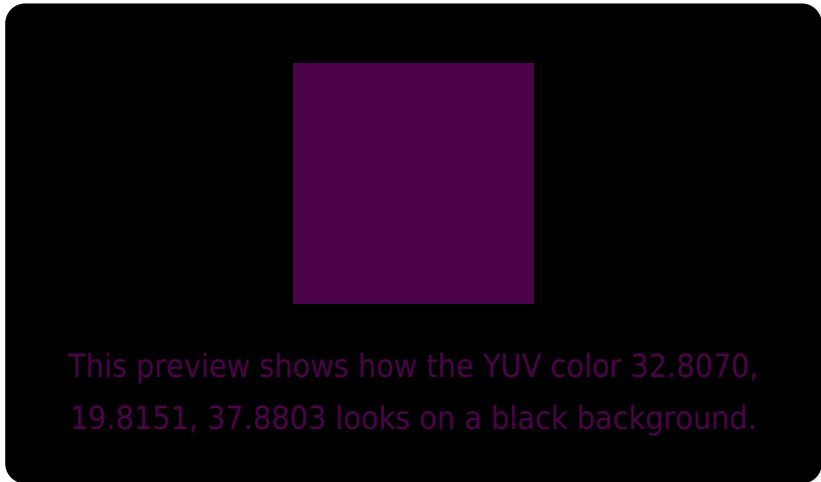
Large Text (above 18pt) WCAG AA ✓ Pass

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

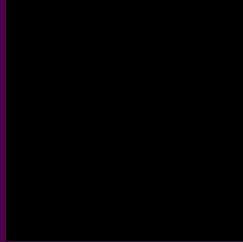
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.8070, 19.8151, 37.8803

Background



This preview shows how black text looks on a background with the YUV color 32.8070, 19.8151, 37.8803.



This preview shows how white text looks on a background with the YUV color 32.8070, 19.8151,

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

32.8070, 19.8151, 37.8803

Protanopia

34.6860, 26.2838, -30.4196

Deuteranopia

41.7780, 13.4204, -11.2063



Tritanopia

42.0850, -5.4649, 26.2355

Trichromacy



Original Color

32.8070, 19.8151, 37.8803

Protanomaly

34.2700, 24.0239, -5.4988

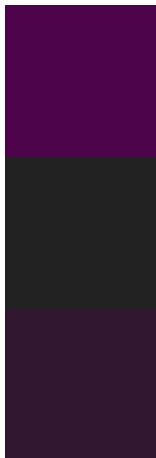
Deuteranomaly

38.1700, 15.6922, 6.8669

Tritanomaly

38.8110, 3.5442, 29.9838

Monochromacy



Original Color

32.8070, 19.8151, 37.8803

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.0370, 7.3768, 13.9996

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.8070, 19.8151, 37.8803 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(76, 3, 73)` looks like.

```
.text, #text, p{  
    color:rgb(76, 3, 73)  
}
```

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(76, 3, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 3, 73) }
```

Border

The CSS property to change the border of an element to YUV 32.8070, 19.8151, 37.8803 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(76, 3, 73) }
```


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

```
.border{ border-color:rgb(76, 3, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 3, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 3, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 3, 73); box-shadow:4px  
4px 4px 4px rgb(76, 3, 73) }
```

Background

The CSS property to change the background color of an element to YUV 32.8070, 19.8151, 37.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 3, 73) }
```

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

```
.background{ background-color: rgb(76, 3,  
73) }
```

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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