

Converting Colors

YUV(30.7370, 9.0037, 5.4927)

Have a look what the booklet for
YUV(30.7370, 9.0037, 5.4927)
contains.

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Color

**YUV(30.7370, 9.0037,
5.4927)**

Conversions

Conversions Part 1

Format	Color
Hex	251831
RGB	37, 24, 49
RGB Percent	15%, 9%, 19%
CMY	0.8549, 0.9059, 0.8078
CMYK	0.24, 0.51, 0.00, 0.81
HSL	271°, 34%, 14%
HSV	271°, 51%, 19%
XYZ	1.6440, 1.2683, 3.0639
YIQ	30.7370, -0.2770, 10.5310

Conversions

Conversions Part 2

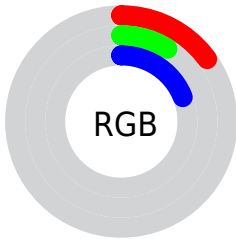
Format	Color
RYB	37, 24, 49
Decimal	2431025
CIELab	11.05, 12.70, -14.19
CIELCh	11, 19.045, 311.833
Yxy	1.2683, 0.2751, 0.2122
Android (android.graphics.Color)	4280621105 (0xFF251831)
YUV	30.7370, 9.0037, 5.4927
Hunter-Lab	11.2620, 6.3478, -8.2467

Details

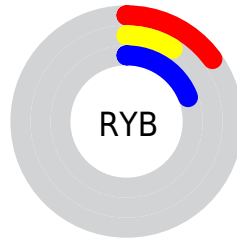
The YUV color **30.7370, 9.0037, 5.4927** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **42.2630, -9.0037, -5.4927**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.6770, 10.0192, 6.4223**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.2040, 10.7454, 6.8371**, and if you desaturate by 10%, it is **34.2700, 7.2619, 4.1482**.

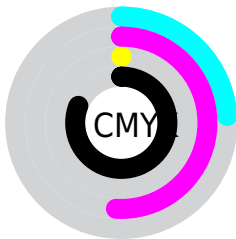
Distribution



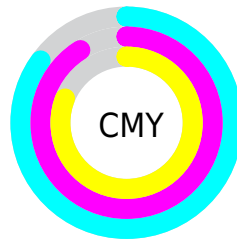
- Red (15%)
- Green (9%)
- Blue (19%)



- Red (15%)
- Yellow (9%)
- Blue (19%)



- Cyan (24%)
- Magenta (51%)
- Yellow (0%)
- Black (81%)



- Cyan (85%)
- Magenta (91%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.7370, 9.0037, 5.4927 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 30.7370, 9.0037, 5.4927 by changing the saturation by 10% instead.

■ 30.7370, 9.0037,
5.4927

■ 30.7370, 9.0037,
5.4927

■ 252.6520, 1.1576,
2.0592

■ 8.5740, 9.5770,
8.2666

■ 74.6770, 10.0192,
6.4223

■ 0.0000, 0.0000,
0.0000

■ 99.0900, 10.3086,
6.9371

■ 123.6170, 11.0348,
7.3519

■ 149.6170, 11.0348,
7.3519

■ 176.1440, 11.7610,
7.7667

■ 203.5570, 12.0504,

8.2815

■ 231.7420, 11.4662,
8.9963

■ 30.7370, 9.0037,
5.4927

■ 30.7370, 9.0037,
5.4927

■ 27.2040, 10.7454,
6.8371

■ 34.2700, 7.2619,
4.1482

■ 23.3720, 12.6346,
7.5668

■ 38.1020, 5.3727,
3.4185

■ 19.8390, 14.3764,
8.9112

■ 41.6350, 3.6309,
2.0741

■ 16.3060, 16.1181,
10.2556

■ 45.1680, 1.8892,
0.7297

■ 13.0610, 17.7179,
10.4705

■ 49.0000, 0.0000,
0.0000

■ 51.9460, -1.4524,
-0.8296

■ 55.4790, -3.1941,
-2.1741

■ 59.3110, -5.0833,
-2.9037

■ 62.8440, -6.8251,
-4.2482

Harmonies

Analogous

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



27.7780, 13.4204, -11.2063



30.7370, 9.0037, 5.4927



30.1360, 3.8770, 16.5437

Triad

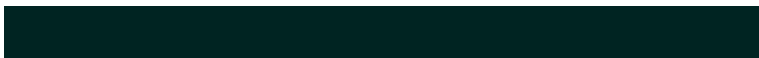
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.7370, 9.0037, 5.4927



28.4180, -14.0101, 13.6654



25.0080, 4.4331, -21.9320

Complementary

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



30.7370, 9.0037, 5.4927



42.2630, -9.0037, -5.4927

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.



22.9390, -0.9559, -20.1175



30.7370, 9.0037, 5.4927



27.7760, -13.6936, 5.4584

Square

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



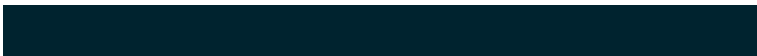
30.7370, 9.0037, 5.4927



28.7160, -9.2270, 19.5431



26.2090, -10.4560, -6.3223



25.9030, 10.4008, -22.7169

Rectangle

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



30.7370, 9.0037, 5.4927



29.7190, -0.3545, 20.4174



26.2090, -10.4560, -6.3223



24.5520, 2.6859, -21.5321

Sweetspot

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



30.7370, 9.0037, 5.4927



56.6350, 3.6309, 2.0741



33.8940, 7.4473, -8.6770



28.5810, 2.1786, 1.2445



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



30.7370, 9.0037, 5.4927



35.4260, 14.0870, 8.3964



34.3250, 7.2348, 12.8700



23.6410, 1.1630, 0.3148



23.9000, 32.0943, 19.3817



58.5250, 78.1282, 47.7746

Inverse Universe

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



32.8430, 1.5564, 14.1697



38.8270, 2.5503, 22.0767



38.6750, -7.2348, -12.8700



24.0110, -0.0054, 1.7444



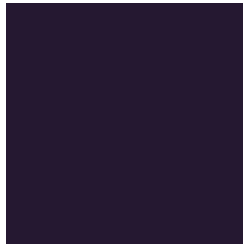
31.5130, 5.6631, 50.4161



76.7390, 13.4397, 123.0089

Previews

White Background



This preview shows how the YUV color 30.7370, 9.0037, 5.4927 looks on a white background.

Color Contrast Check

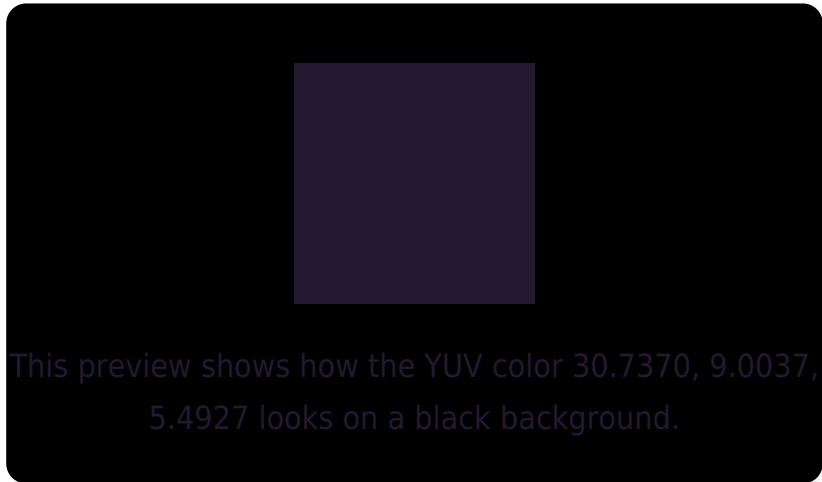
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7370, 9.0037, 5.4927

Background



This preview shows how black text looks on a background with the YUV color 30.7370, 9.0037, 5.4927.



This preview shows how white text looks on a background with the YUV color 30.7370, 9.0037,

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

30.7370, 9.0037, 5.4927

Protanopia

28.5610, 12.5414, -9.2620

Deuteranopia

29.0620, 9.3364, -7.9474



Tritanopia

30.1360, 0.4260, 3.3887

Trichromacy



Original Color

30.7370, 9.0037, 5.4927

Protanomaly

29.2520, 11.2148, -3.7290

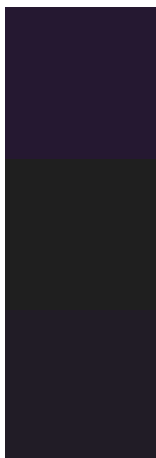
Deuteranomaly

29.6820, 9.0308, -3.2291

Tritanomaly

30.6460, 3.6255, 3.8185

Monochromacy



Original Color

30.7370, 9.0037, 5.4927

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.6350, 3.6309, 2.0741

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.7370, 9.0037, 5.4927 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(37, 24, 49)` looks like.

```
.text, #text, p{  
    color:rgb(37, 24, 49)  
}
```

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(37, 24, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 24, 49) }
```

Border

The CSS property to change the border of an element to YUV 30.7370, 9.0037, 5.4927 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(37, 24, 49) }
```


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

```
.border{ border-color:rgb(37, 24, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 24, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 24, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 24, 49);  
box-shadow:4px 4px 4px 4px rgb(37, 24, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.7370, 9.0037, 5.4927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 24, 49) }
```

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

```
.background{ background-color: rgb(37, 24,  
49) }
```

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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