

Converting Colors

YUV(37.7370, -4.3073, 28.2947)

Have a look what the booklet for
YUV(37.7370, -4.3073, 28.2947)
contains.

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Color

**YUV(37.7370, -4.3073,
28.2947)**

Conversions

Conversions Part 1

Format	Color
Hex	46171D
RGB	70, 23, 29
RGB Percent	27%, 9%, 11%
CMY	0.7255, 0.9098, 0.8863
CMYK	0.00, 0.67, 0.59, 0.73
HSL	352°, 51%, 18%
HSV	352°, 67%, 27%
XYZ	3.0540, 2.0036, 1.3882
YIQ	37.7370, 26.0860, 11.8300

Conversions

Conversions Part 2

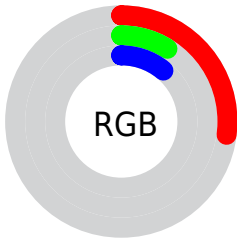
Format	Color
R_{YB}	70, 23, 29
Decimal	4593437
CIE Lab	15.51, 23.15, 7.60
CIE LCh	16, 24.369, 18.168
Yxy	2.0036, 0.4738, 0.3108
Android (android.graphics.Color)	4282783517 (0xFF46171D)
YUV	37.7370, -4.3073, 28.2947
Hunter-Lab	14.1548, 13.7411, 4.0938

Details

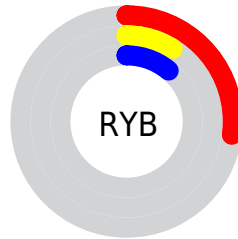
The YUV color **37.7370, -4.3073, 28.2947** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **55.2630, 4.3073, -28.2947**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.8900, -6.3548, 31.6685**, and **2.9900, -1.4741, 6.1478** is the 20% darker color. If you saturate the color by 10%, you get **32.9440, -4.9024, 32.4981**, and if you desaturate by 10%, it is **42.5300, -3.7123, 24.0912**.

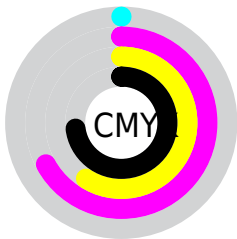
Distribution



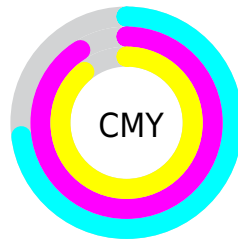
- Red (27%)
- Green (9%)
- Blue (11%)



- Red (27%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (67%)
- Yellow (59%)
- Black (73%)



- Cyan (73%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7370, -4.3073, 28.2947 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 37.7370, -4.3073, 28.2947 by changing the saturation by 10% instead.

■ 37.7370, -4.3073,
28.2947

■ 37.7370, -4.3073,
28.2947

■ 255.0000, 0.0000,
0.0000

■ 14.3950, -5.6177,
28.5946

■ 84.8900, -6.3548,
31.6685

■ 2.9900, -1.4741,
6.1478

■ 109.7870, -6.7970,
33.5128

■ 0.0000, 0.0000,
0.0000

■ 135.6840, -7.2392,
35.3571

■ 162.1680, -7.9708,
36.6867

■ 188.8800, -7.8288,
37.8162

■ 215.2710, -7.5286,

34.8423

234.8990, -3.4012,
17.6286

37.7370, -4.3073,
28.2947

37.7370, -4.3073,
28.2947

32.9440, -4.9024,
32.4981

42.5300, -3.7123,
24.0912

28.1510, -5.4974,
36.7016

47.3230, -3.1172,
19.8877

23.3580, -6.0925,
40.9050

52.1160, -2.5222,
15.6843

21.9560, -6.3873,
42.1346

56.9090, -1.9271,
11.4808

61.8160, -0.8953,
7.1774

■ 66.6090, -0.3002,
2.9739

■ 71.4020, 0.2948,
-1.2296

■ 76.1950, 0.8899,
-5.4330

■ 80.9880, 1.4849,
-9.6365

Harmonies

Analogous

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



38.7780, 3.5604, 24.7507



37.7370, -4.3073, 28.2947



37.2390, -12.4428, 24.3464

Triad

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



37.7370, -4.3073, 28.2947



33.0940, -9.4133, -14.1144



33.4490, 19.0056, -29.3348

Complementary

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



37.7370, -4.3073, 28.2947



55.2630, 4.3073, -28.2947

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.



34.2980, 14.6431, -30.0793



37.7370, -4.3073, 28.2947



31.1230, -0.0606, -27.2949

Square

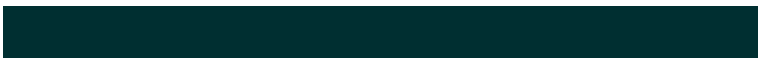
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.7370, -4.3073, 28.2947



35.7280, -17.6139, 2.8695



33.1750, 7.8017, -29.0945



37.7010, 16.9094, -10.2618

Rectangle

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



37.7370, -4.3073, 28.2947



36.8270, -17.6627, 18.5687



33.1750, 7.8017, -29.0945



33.9220, 18.2795, -29.7496

Sweetspot

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



37.7370, -4.3073, 28.2947



79.0230, -1.4903, 11.3808



40.6170, 14.4858, 20.5069



38.4030, -1.1847, 6.6626



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



37.7370, -4.3073, 28.2947



40.5650, -6.6875, 45.1085



47.0320, -11.8478, 20.1429



33.3100, -0.1528, 2.3591



31.0830, -8.9149, 59.5632



71.1790, -20.7942, 136.6550

Inverse Universe

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



37.7370, -4.3073, 28.2947



40.5650, -6.6875, 45.1085



45.9680, 11.8478, -20.1429



33.3100, -0.1528, 2.3591



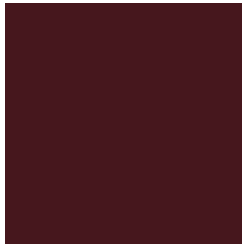
31.0830, -8.9149, 59.5632



71.1790, -20.7942, 136.6550

Previews

White Background



This preview shows how the YUV color 37.7370, -4.3073, 28.2947 looks on a white background.

Color Contrast Check

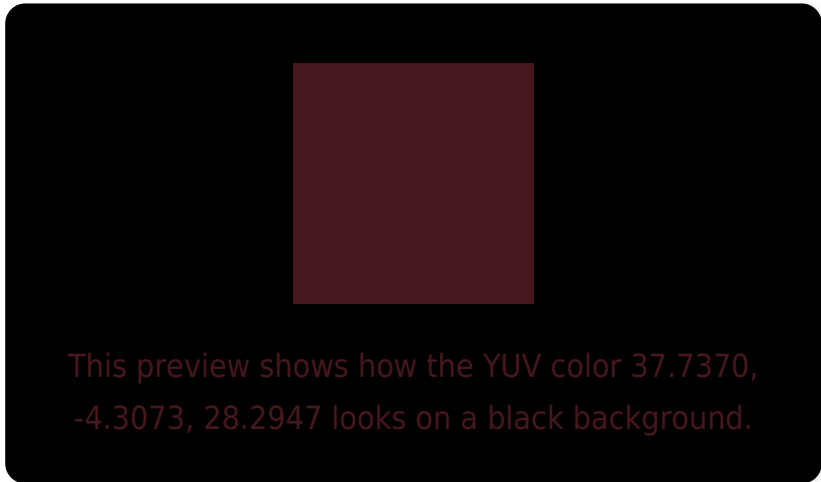
Large Text (above 18pt) WCAG AA ✓ Pass

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

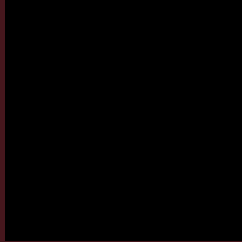
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.7370, -4.3073, 28.2947

Background



This preview shows how black text looks on a background with the YUV color 37.7370, -4.3073, 28.2947.



This preview shows how white text looks on a background with the YUV color 37.7370, -4.3073,

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

37.7370, -4.3073, 28.2947

Protanopia

40.2560, -1.6052, 1.5295

Deuteranopia

39.7360, -6.2788, 7.2475



Tritanopia

37.8680, -6.3439, 28.1798

Trichromacy



Original Color

37.7370, -4.3073, 28.2947

Protanomaly

39.3820, -2.6533, 11.0660

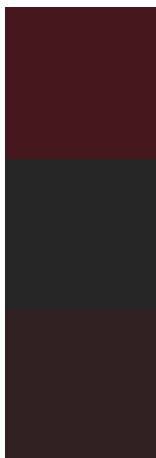
Deuteranomaly

39.3070, -5.5744, 14.6398

Tritanomaly

37.9820, -5.9071, 28.0798

Monochromacy



Original Color

37.7370, -4.3073, 28.2947

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.3110, -1.6323, 10.2513

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7370, -4.3073, 28.2947 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(70, 23, 29)` looks like.

```
.text, #text, p{  
    color:rgb(70, 23, 29)  
}
```

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(70, 23, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 23, 29) }
```

Border

The CSS property to change the border of an element to YUV 37.7370, -4.3073, 28.2947 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(70, 23, 29) }
```


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

```
.border{ border-color:rgb(70, 23, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 23, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 23, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 23, 29);  
box-shadow:4px 4px 4px 4px rgb(70, 23, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.7370, -4.3073, 28.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 23, 29) }
```

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

```
.background{ background-color: rgb(70, 23,  
29) }
```

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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