

Converting Colors

YUV(37.8970, 3.0088, 14.9993)

Have a look what the booklet for
YUV(37.8970, 3.0088, 14.9993)
contains.

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Color

**YUV(37.8970, 3.0088,
14.9993)**

Conversions

Conversions Part 1

Format	Color
Hex	371C2C
RGB	55, 28, 44
RGB Percent	22%, 11%, 17%
CMY	0.7843, 0.8902, 0.8275
CMYK	0.00, 0.49, 0.20, 0.78
HSL	324°, 33%, 16%
HSV	324°, 49%, 22%
XYZ	2.4454, 1.8246, 2.6062
YIQ	37.8970, 10.9560, 10.7000

Conversions

Conversions Part 2

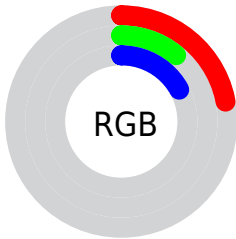
Format	Color
R_{YB}	55, 28, 44
Decimal	3611692
CIE _{Lab}	14.54, 15.98, -4.99
CIE _{LCh}	15, 16.737, 342.668
Yxy	1.8246, 0.3556, 0.2653
Android (android.graphics.Color)	4281801772 (0xFF371C2C)
YUV	37.8970, 3.0088, 14.9993
Hunter-Lab	13.5077, 8.6770, -1.9840

Details

The YUV color **37.8970, 3.0088, 14.9993** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.1030, -3.0088, -14.9993**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.2070, 2.8559, 17.3585**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.1470, 3.8715, 18.2881**, and if you desaturate by 10%, it is **41.6470, 2.1460, 11.7106**.

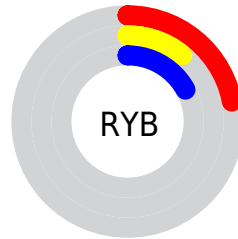
Distribution



Red (22%)

Green (11%)

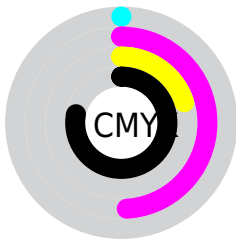
Blue (17%)



Red (22%)

Yellow (11%)

Blue (17%)

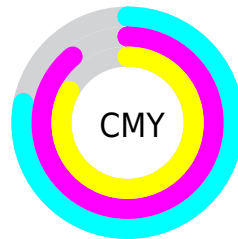


Cyan (0%)

Magenta (49%)

Yellow (20%)

Black (78%)



Cyan (78%)

Magenta (89%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.8970, 3.0088, 14.9993 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 37.8970, 3.0088, 14.9993 by changing the saturation by 10% instead.

■ 37.8970, 3.0088,
14.9993

■ 37.8970, 3.0088,
14.9993

■ 255.0000, 0.0000,
0.0000

■ 15.8370, 4.0244,
15.9290

■ 83.2070, 2.8559,
17.3585

■ 0.0000, 0.0000,
0.0000

■ 107.6200, 3.1453,
17.8733

■ 132.9190, 2.9979,
18.4880

■ 159.3320, 3.2873,
19.0028

■ 186.6310, 3.1399,
19.6176

■ 214.0440, 3.4293,

20.1324

239.0540, 4.9034,
13.9846

37.8970, 3.0088,
14.9993

37.8970, 3.0088,
14.9993

34.1470, 3.8715,
18.2881

41.6470, 2.1460,
11.7106

30.9840, 4.4449,
21.0620

44.8100, 1.5727,
8.9366

27.7070, 4.5814,
23.9360

48.6740, 1.1467,
5.5479

23.9570, 5.4442,
27.2247

51.8370, 0.5734,
2.7740

20.2070, 6.3069,
30.5135

55.5870, -0.2894,
-0.5148

■ 58.7500, -0.8627,
-3.2887

■ 62.6140, -1.2887,
-6.6775

■ 65.7770, -1.8621,
-9.4514

■ 69.5270, -2.7248,
-12.7402

Harmonies

Analogous

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



38.0960, 7.8407, 5.1778



37.8970, 3.0088, 14.9993



37.1380, -2.5330, 19.1730

Triad

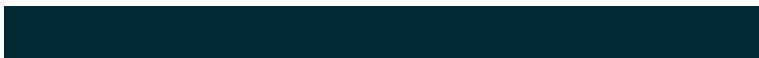
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.8970, 3.0088, 14.9993



35.3350, -11.5042, 3.2142



30.5820, 10.5591, -26.8204

Complementary

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



37.8970, 3.0088, 14.9993



45.1030, -3.0088, -14.9993

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.



29.9150, 5.4649, -26.2355



37.8970, 3.0088, 14.9993



34.0070, -7.3985, -7.0221

Square

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



37.8970, 3.0088, 14.9993



36.3900, -11.5313, 11.9360



30.6510, -0.8139, -18.9879



30.2060, 14.1954, -26.4907

Rectangle

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



37.8970, 3.0088, 14.9993



36.6280, -5.7326, 18.7432



30.6510, -0.8139, -18.9879



30.2400, 9.2487, -26.5205

Sweetspot

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



37.8970, 3.0088, 14.9993



64.6740, 1.1467, 5.5479



34.3670, 10.1721, 4.0631



31.5490, 0.7153, 3.9035



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



37.8970, 3.0088, 14.9993



44.4080, 4.7289, 23.3212



36.4150, -2.6696, 16.2990



26.1250, 0.4314, 1.6444



33.6640, 10.0256, 51.1607



80.3010, 24.5016, 121.6390

Inverse Universe

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



37.8970, 3.0088, 14.9993



44.4080, 4.7289, 23.3212



46.5850, 2.6696, -16.2990



26.1250, 0.4314, 1.6444



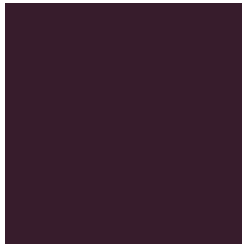
33.6640, 10.0256, 51.1607



80.3010, 24.5016, 121.6390

Previews

White Background



This preview shows how the YUV color 37.8970, 3.0088, 14.9993 looks on a white background.

Color Contrast Check

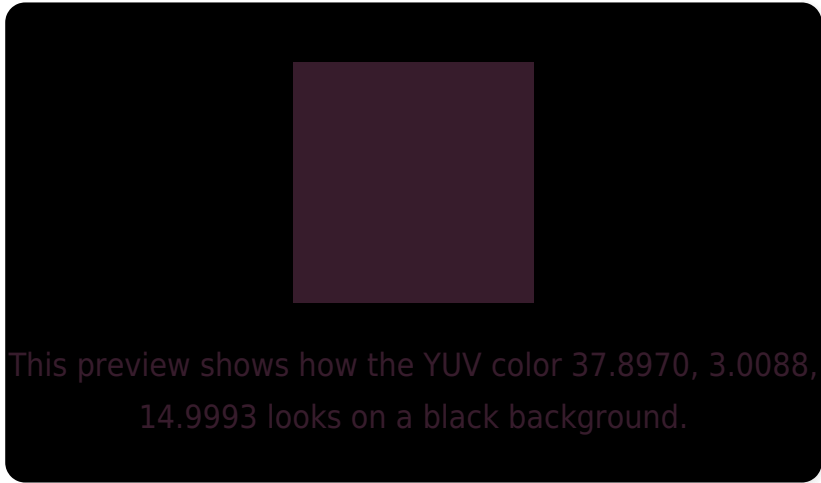
Large Text (above 18pt) WCAG AA ✓ Pass

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

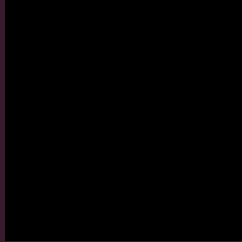
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.8970, 3.0088, 14.9993

Background



This preview shows how black text looks on a background with the YUV color 37.8970, 3.0088, 14.9993.



This preview shows how white text looks on a background with the YUV color 37.8970, 3.0088,

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

37.8970, 3.0088, 14.9993

Protanopia

37.5850, 6.1206, -3.1440

Deuteranopia

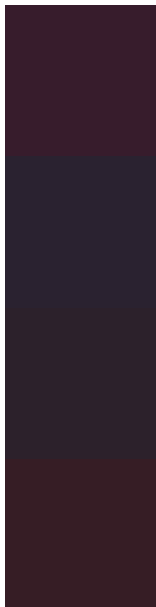
37.3960, 2.7628, 0.5297



Tritanopia

37.5180, -2.2274, 14.4547

Trichromacy



Original Color

37.8970, 3.0088, 14.9993

Protanomaly

37.9880, 4.9359, 3.5185

Deuteranomaly

37.4290, 2.7465, 5.7628

Tritanomaly

37.3870, -0.1908, 14.5696

Monochromacy



Original Color

37.8970, 3.0088, 14.9993

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.6740, 1.1467, 5.5479

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.8970, 3.0088, 14.9993 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(55, 28, 44)` looks like.

```
.text, #text, p{  
    color:rgb(55, 28, 44)  
}
```

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(55, 28, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 28, 44) }
```

Border

The CSS property to change the border of an element to YUV 37.8970, 3.0088, 14.9993 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(55, 28, 44) }
```


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

```
.border{ border-color:rgb(55, 28, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 28, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 28, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 28, 44);  
box-shadow:4px 4px 4px 4px rgb(55, 28, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.8970, 3.0088, 14.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 28, 44) }
```

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

```
.background{ background-color: rgb(55, 28,  
44) }
```

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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