

Converting Colors

YUV(48.8970, 3.0088, 14.9993)

Have a look what the booklet for
YUV(48.8970, 3.0088, 14.9993)
contains.

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Color

**YUV(48.8970, 3.0088,
14.9993)**

Conversions

Conversions Part 1

Format	Color
Hex	422737
RGB	66, 39, 55
RGB Percent	26%, 15%, 22%
CMY	0.7412, 0.8471, 0.7843
CMYK	0.00, 0.41, 0.17, 0.74
HSL	324°, 26%, 21%
HSV	324°, 41%, 26%
XYZ	3.6619, 2.8851, 3.9783
YIQ	48.8970, 10.9560, 10.7000

Conversions

Conversions Part 2

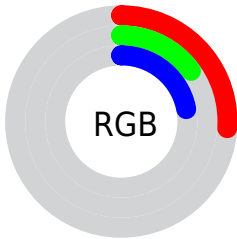
Format	Color
R_{YB}	66, 39, 55
Decimal	4335415
CIE Lab	19.58, 15.52, -5.02
CIE LCh	20, 16.313, 342.061
Yxy	2.8851, 0.3479, 0.2741
Android (android.graphics.Color)	4282525495 (0xFF422737)
YUV	48.8970, 3.0088, 14.9993
Hunter-Lab	16.9857, 8.7573, -1.9967

Details

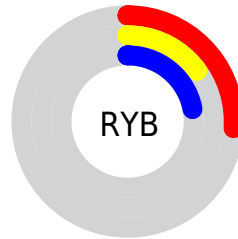
The YUV color **48.8970, 3.0088, 14.9993** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **56.1030, -3.0088, -14.9993**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.9080, 3.0034, 16.7437**, and **8.4300, 1.2670, 13.6549** is the 20% darker color. If you saturate the color by 10%, you get **44.4460, 3.7241, 18.9029**, and if you desaturate by 10%, it is **53.3480, 2.2934, 11.0958**.

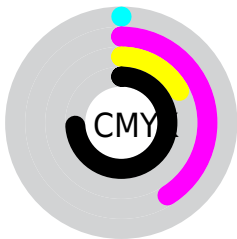
Distribution



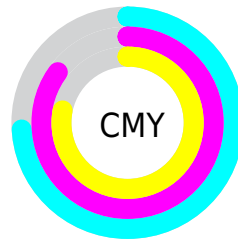
- Red (26%)
- Green (15%)
- Blue (22%)



- Red (26%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (41%)
- Yellow (17%)
- Black (74%)



- Cyan (74%)
- Magenta (85%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.8970, 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 48.8970, 3.0088, 14.9993 by changing the saturation by 10% instead.

■ 48.8970, 3.0088,
14.9993

■ 48.8970, 3.0088,
14.9993

■ 255.0000, 0.0000,
0.0000

■ 27.2990, 3.3036,
13.7698

■ 95.9080, 3.0034,
16.7437

■ 8.4300, 1.2670,
13.6549

■ 120.3210, 3.2927,
17.2585

■ 0.0000, 0.0000,
0.0000

■ 146.0330, 3.4347,
18.3881

■ 172.9190, 2.9979,
18.4880

■ 200.3320, 3.2873,
19.0028

■ 228.6310, 3.1399,

19.6176

248.5430, 3.1833,
5.6628

48.8970, 3.0088,
14.9993

48.8970, 3.0088,
14.9993

44.4460, 3.7241,
18.9029

53.3480, 2.2934,
11.0958

40.6960, 4.5869,
22.1916

57.0980, 1.4307,
7.8071

36.2450, 5.3022,
26.0951

61.5490, 0.7153,
3.9035

32.3810, 5.7282,
29.4839

65.4130, 0.2894,
0.5148

28.0440, 6.8803,
33.2874

69.7500, -0.8627,
-3.2887

■ 24.1800, 7.3063,
36.6761

■ 74.2010, -1.5781,
-7.1923

■ 78.0650, -2.0040,
-10.5810

■ 82.5160, -2.7194,
-14.4845

■ 86.2660, -3.5821,
-17.7733

Harmonies

Analogous

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



49.0960, 7.8407, 5.1778



48.8970, 3.0088, 14.9993



48.1380, -2.5330, 19.1730

Triad

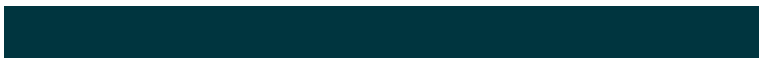
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.8970, 3.0088, 14.9993



45.8620, -10.7780, 3.6290



38.2930, 12.1806, -33.5830

Complementary

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



48.8970, 3.0088, 14.9993



56.1030, -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.



38.8220, 6.4968, -30.5389



48.8970, 3.0088, 14.9993



44.3060, -7.5459, -6.4074

Square

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



48.8970, 3.0088, 14.9993



46.9170, -10.8051, 12.3508



42.2490, -1.1088, -17.7584



42.7010, 13.4584, -23.4168

Rectangle

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



48.8970, 3.0088, 14.9993



47.8130, -6.3168, 19.4580



42.2490, -1.1088, -17.7584



37.9510, 10.8702, -33.2830

Sweetspot

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



48.8970, 3.0088, 14.9993



79.9730, 0.9993, 6.1627



45.3670, 10.1721, 4.0631



39.2500, 0.8628, 3.2888



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



48.8970, 3.0088, 14.9993



59.7070, 4.5814, 23.9360



47.4150, -2.6696, 16.2990



31.1250, 0.4314, 1.6444



35.5010, 10.5990, 53.9346



82.1380, 25.0750, 124.4130

Inverse Universe

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



48.8970, 3.0088, 14.9993



59.7070, 4.5814, 23.9360



57.5850, 2.6696, -16.2990



31.1250, 0.4314, 1.6444



35.5010, 10.5990, 53.9346



82.1380, 25.0750, 124.4130

Previews

White Background



This preview shows how the YUV color 48.8970, 3.0088, 14.9993 looks on a white background.

Color Contrast Check

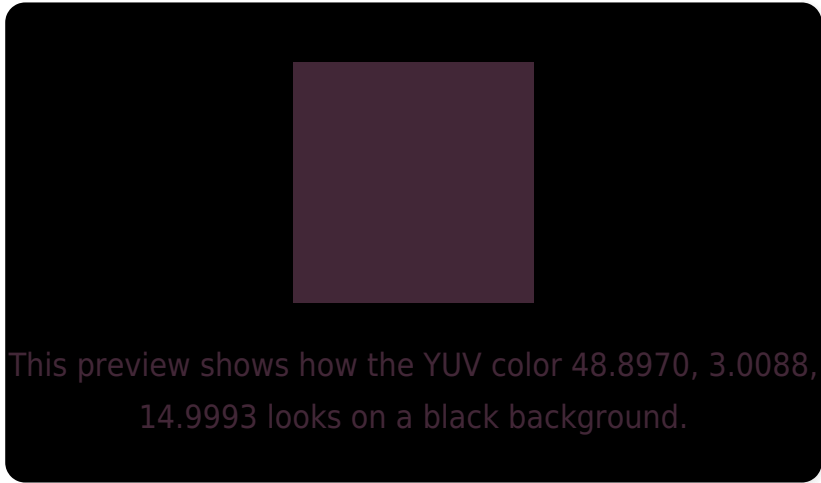
Large Text (above 18pt) WCAG AA ✓ Pass

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

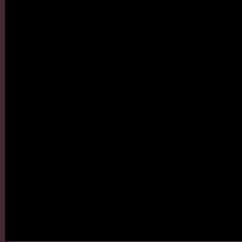
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.8970, 3.0088, 14.9993

Background



This preview shows how black text looks on a background with the YUV color 48.8970, 3.0088, 14.9993.



This preview shows how white text looks on a background with the YUV color 48.8970, 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

48.8970, 3.0088, 14.9993

Protanopia

47.6990, 6.5574, -3.2440

Deuteranopia

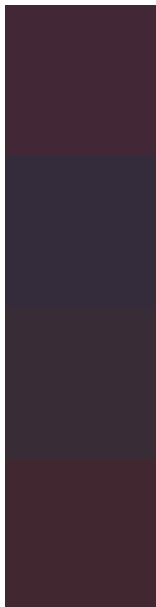
48.6950, 2.6154, 1.1445



Tritanopia

48.5180, -2.2274, 14.4547

Trichromacy



Original Color

48.8970, 3.0088, 14.9993

Protanomaly

48.1020, 5.3727, 3.4185

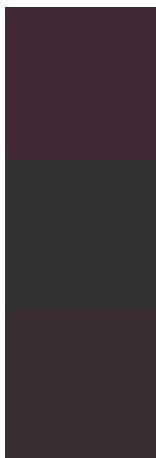
Deuteranomaly

48.7280, 2.5991, 6.3775

Tritanomaly

48.3870, -0.1908, 14.5696

Monochromacy



Original Color

48.8970, 3.0088, 14.9993

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.6740, 1.1467, 5.5479

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.8970, 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(66, 39, 55)` looks like.

```
.text, #text, p{  
    color:rgb(66, 39, 55)  
}
```

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(66, 39, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 39, 55) }
```

Border

The CSS property to change the border of an element to YUV 48.8970, 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(66, 39, 55) }
```


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

```
.border{ border-color:rgb(66, 39, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 39, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 39, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 39, 55);  
box-shadow:4px 4px 4px 4px rgb(66, 39, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.8970, 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(66, 39, 55) }
```

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

```
.background{ background-color: rgb(66, 39,  
55) }
```

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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