

Converting Colors

YUV(39.9670, -9.8437, 30.7239)

Have a look what the booklet for
YUV(39.9670, -9.8437, 30.7239)
contains.

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Color

**YUV(39.9670, -9.8437,
30.7239)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1A14
RGB	75, 26, 20
RGB Percent	29%, 10%, 8%
CMY	0.7059, 0.8980, 0.9216
CMYK	0.00, 0.65, 0.73, 0.71
HSL	7°, 58%, 19%
HSV	7°, 73%, 29%
XYZ	3.3973, 2.2852, 0.9238
YIQ	39.9670, 31.1300, 8.5220

Conversions

Conversions Part 2

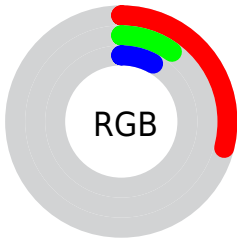
Format	Color
RYB	75, 27, 20
Decimal	4921876
CIELab	16.92, 22.82, 15.95
CIELCh	17, 27.841, 34.963
Yxy	2.2852, 0.5143, 0.3459
Android (android.graphics.Color)	4283111956 (0xFF4B1A14)
YUV	39.9670, -9.8437, 30.7239
Hunter-Lab	15.1167, 13.6616, 6.9583

Details

The YUV color **39.9670, -9.8437, 30.7239** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **55.0330, 9.8437, -30.7239**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.6040, -12.6228, 35.4273**, and **6.2790, -3.0955, 12.9103** is the 20% darker color. If you saturate the color by 10%, you get **34.9460, -11.3124, 35.1274**, and if you desaturate by 10%, it is **44.8740, -8.8119, 26.4205**.

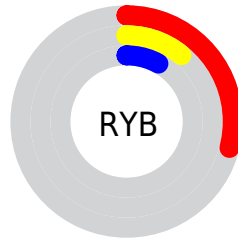
Distribution



Red (29%)

Green (10%)

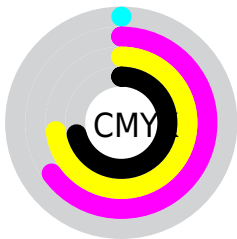
Blue (8%)



Red (29%)

Yellow (11%)

Blue (8%)

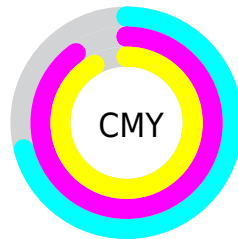


Cyan (0%)

Magenta (65%)

Yellow (73%)

Black (71%)



Cyan (71%)

Magenta (90%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.9670, -9.8437, 30.7239 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 39.9670, -9.8437, 30.7239 by changing the saturation by 10% instead.

■ 39.9670, -9.8437,
30.7239

■ 39.9670, -9.8437,
30.7239

■ 253.8600, -4.3680,
0.9998

■ 17.5970, -8.6753,
29.2944

■ 87.6040, -12.6228,
35.4273

■ 6.2790, -3.0955,
12.9103

■ 112.5010,
-13.0650, 37.2716

■ 0.0000, 0.0000,
0.0000

■ 138.2840,
-13.9440, 39.2159

■ 164.7680,
-14.6756, 40.5455

■ 192.6650,
-15.1178, 42.3898

■ 215.7780,

-13.2016, 34.3977

235.8790, -9.8003,
16.7691

39.9670, -9.8437,
30.7239

39.9670, -9.8437,
30.7239

34.9460, -11.3124,
35.1274

44.8740, -8.8119,
26.4205

30.6260, -12.6336,
38.9160

49.3080, -7.0538,
22.5319

27.1210, -13.3707,
41.9899

54.3290, -5.5852,
18.1285

59.2360, -4.5533,
13.8250

63.6700, -2.7953,
9.9364

■ 68.5770, -1.7635,
5.6330

■ 73.5980, -0.2948,
1.2296

■ 77.9180, 1.0264,
-2.5591

■ 82.8250, 2.0583,
-6.8625

Harmonies

Analogous

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



40.3830, -0.6818, 32.1131



39.9670, -9.8437, 30.7239



39.3930, -19.4207, 22.4573

Triad

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



39.9670, -9.8437, 30.7239



32.0860, -3.9864, -28.1394



34.5890, 23.3736, -30.3346

Complementary

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



39.9670, -9.8437, 30.7239



55.0330, 9.8437, -30.7239

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.



37.0680, 20.1795, -32.5086



39.9670, -9.8437, 30.7239



35.0670, 4.8970, -30.7538

Square

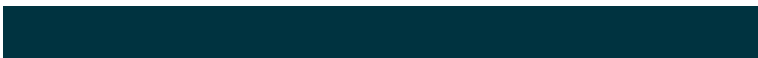
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.9670, -9.8437, 30.7239



36.3030, -16.4184, -7.2817



37.2330, 13.1961, -32.6533



42.8490, 15.8504, 2.7634

Rectangle

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



39.9670, -9.8437, 30.7239



39.9250, -19.6830, 13.2208



37.2330, 13.1961, -32.6533



35.6490, 22.3580, -31.2642

Sweetspot

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



39.9670, -9.8437, 30.7239



83.4530, -3.6743, 11.8807



42.1450, 13.7325, 28.8138



40.1750, -2.0583, 6.8625



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



39.9670, -9.8437, 30.7239



42.6980, -15.1341, 47.6229



55.8160, -17.6573, 16.8244



35.7830, -0.8790, 1.9443



36.9550, -18.2188, 57.0445



83.4450, -41.1384, 128.5287

Inverse Universe

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



55.0330, 9.8437, -30.7239



66.3020, 15.1341, -47.6229



39.1840, 17.6573, -16.8244



36.8040, 0.5896, -2.4591



65.0450, 18.2188, -57.0445



145.9680, 41.4278, -128.0139

Previews

White Background



This preview shows how the YUV color 39.9670, -9.8437, 30.7239 looks on a white background.

Color Contrast Check

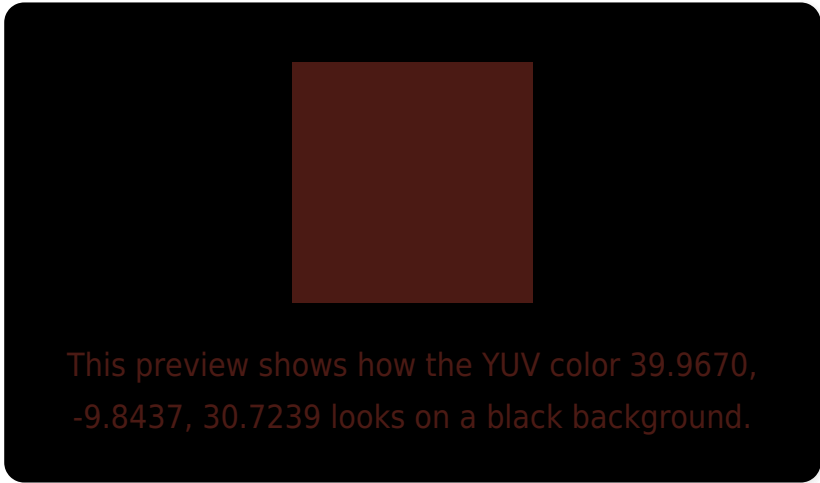
Large Text (above 18pt) WCAG AA ✓ Pass

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

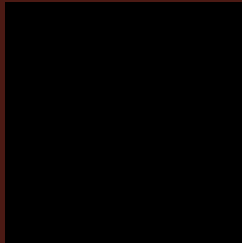
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.9670, -9.8437, 30.7239

Background



This preview shows how black text looks on a background with the YUV color 39.9670, -9.8437, 30.7239.

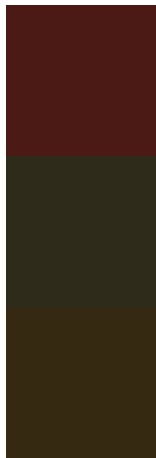


This preview shows how white text looks on a background with the YUV color 39.9670, -9.8437, 30.7239.

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

39.9670, -9.8437, 30.7239

Protanopia

42.2580, -8.0152, 4.1587

Deuteranopia

42.1510, -12.3994, 10.3916



Tritanopia

40.1780, -6.4968, 30.5389

Trichromacy



Original Color

39.9670, -9.8437, 30.7239

Protanomaly

41.4980, -8.6265, 13.5953

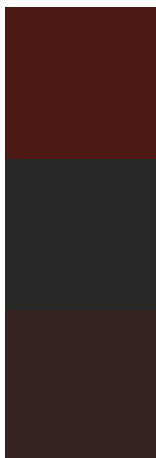
Deuteranomaly

41.7220, -11.6949, 17.7838

Tritanomaly

39.8360, -7.8071, 30.8388

Monochromacy



Original Color

39.9670, -9.8437, 30.7239

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.1540, -3.5269, 11.2659

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.9670, -9.8437, 30.7239 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(75, 26, 20)` looks like.

```
.text, #text, p{  
    color:rgb(75, 26, 20)  
}
```

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(75, 26, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 26, 20) }
```

Border

The CSS property to change the border of an element to YUV 39.9670, -9.8437, 30.7239 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(75, 26, 20) }
```


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

```
.border{ border-color:rgb(75, 26, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 26, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 26, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 26, 20);  
box-shadow:4px 4px 4px 4px rgb(75, 26, 20)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.9670, -9.8437, 30.7239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 26, 20) }
```

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

```
.background{ background-color: rgb(75, 26,  
20) }
```

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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