

Converting Colors

YUV(33.9690, 17.2703, 14.0592)

Have a look what the booklet for
YUV(33.9690, 17.2703, 14.0592)
contains.

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Color

**YUV(33.9690, 17.2703,
14.0592)**

Conversions

Conversions Part 1

Format	Color
Hex	321345
RGB	50, 19, 69
RGB Percent	20%, 7%, 27%
CMY	0.8039, 0.9255, 0.7294
CMYK	0.28, 0.72, 0.00, 0.73
HSL	277°, 57%, 17%
HSV	277°, 72%, 27%
XYZ	2.6224, 1.5735, 5.7957
YIQ	33.9690, 2.4260, 22.1220

Conversions

Conversions Part 2

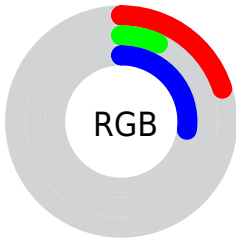
Format	Color
R_{YB}	50, 19, 69
Decimal	3281733
CIE _{Lab}	13.07, 25.79, -25.12
CIE _{LCh}	13, 36.002, 315.762
Yxy	1.5735, 0.2625, 0.1575
Android (android.graphics.Color)	4281471813 (0xFF321345)
YUV	33.9690, 17.2703, 14.0592
Hunter-Lab	12.5440, 15.3650, -18.6130

Details

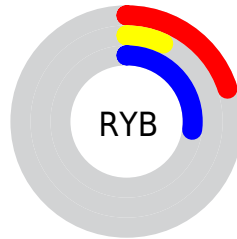
The YUV color **33.9690, 17.2703, 14.0592** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **54.0310, -17.2703, -14.0592**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.3220, 18.5753, 15.5036**, and **3.4370, 10.6306, -3.0142** is the 20% darker color. If you saturate the color by 10%, you get **28.9630, 19.7382, 15.8184**, and if you desaturate by 10%, it is **38.9750, 14.8023, 12.2999**.

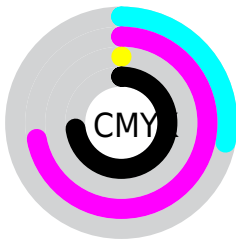
Distribution



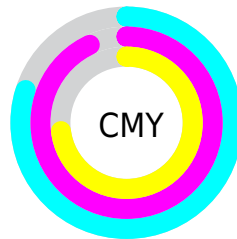
- Red (20%)
- Green (7%)
- Blue (27%)



- Red (20%)
- Yellow (7%)
- Blue (27%)



- Cyan (28%)
- Magenta (72%)
- Yellow (0%)
- Black (73%)



- Cyan (80%)
- Magenta (93%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.9690, 17.2703, 14.0592 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 33.9690, 17.2703, 14.0592 by changing the saturation by 10% instead.

■ 33.9690, 17.2703,
14.0592

■ 33.9690, 17.2703,
14.0592

■ 251.4780, 1.7363,
3.0888

■ 14.0290, 16.2547,
13.1296

■ 80.3220, 18.5753,
15.5036

■ 3.4370, 10.6306,
-3.0142

■ 105.1480, 19.1540,
16.5332

■ 0.0000, 0.0000,
0.0000


■ 129.9740, 19.7328,
17.5628


■ 156.5010, 20.4590,
17.9776


■ 183.9140, 20.7484,
18.4924


■ 211.6260, 20.8904,


19.6220


 234.4550, 10.1287,
18.0180


 33.9690, 17.2703,
14.0592


 33.9690, 17.2703,
14.0592


 28.9630, 19.7382,
15.8184

 38.9750, 14.8023,
12.2999


 24.2560, 22.0588,
18.1925

 43.6820, 12.4818,
9.9259

 20.7230, 23.8006,
19.5369

 48.6880, 10.0138,
8.1666

 53.3950, 7.6933,
5.7926

 58.4010, 5.2253,
4.0333

■ 62.8200, 3.0467,
2.7889

■ 67.5270, 0.7262,
0.4148

■ 72.5330, -1.7418,
-1.3444

■ 77.5390, -4.2097,
-3.1037

Harmonies

Analogous

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



28.2460, 26.9937, -24.7717



33.9690, 17.2703, 14.0592



27.1740, 9.7742, 38.4354

Triad

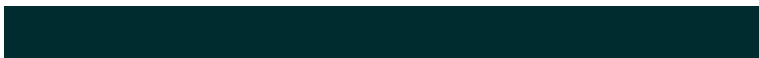
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.9690, 17.2703, 14.0592



32.2830, -15.9155, 18.1688



31.1860, 7.7963, -27.3501

Complementary

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



33.9690, 17.2703, 14.0592



54.0310, -17.2703, -14.0592

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.



28.1080, -3.9972, -24.6507



33.9690, 17.2703, 14.0592



30.9880, -15.2771, 0.0105

Square

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



33.9690, 17.2703, 14.0592



28.8490, -14.2226, 35.2124



24.0670, -11.8650, -21.1068



33.1070, 17.6952, -29.0348

Rectangle

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



33.9690, 17.2703, 14.0592



26.1440, 1.9010, 43.7237



24.0670, -11.8650, -21.1068



30.1600, 3.8651, -26.4503

Sweetspot

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



33.9690, 17.2703, 14.0592



75.7540, 6.5303, 5.4777



35.8530, 16.3415, -14.7801



37.4610, 4.2097, 3.1037



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.



33.9690, 17.2703, 14.0592



35.1300, 26.5579, 21.8110



38.9660, 11.8488, 26.3398



33.0540, 1.4524, 0.8296



29.8240, 34.1038, 28.2184



68.0370, 78.3688, 63.9886

Inverse Universe

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



36.1160, 0.9288, 28.8393



38.3290, 1.3168, 44.4385



49.0340, -11.8488, -26.3398



33.3100, -0.1528, 2.3591



33.9330, 2.0050, 57.0638



77.6770, 4.1032, 130.9563

Previews

White Background



This preview shows how the YUV color 33.9690, 17.2703, 14.0592 looks on a white background.

Color Contrast Check

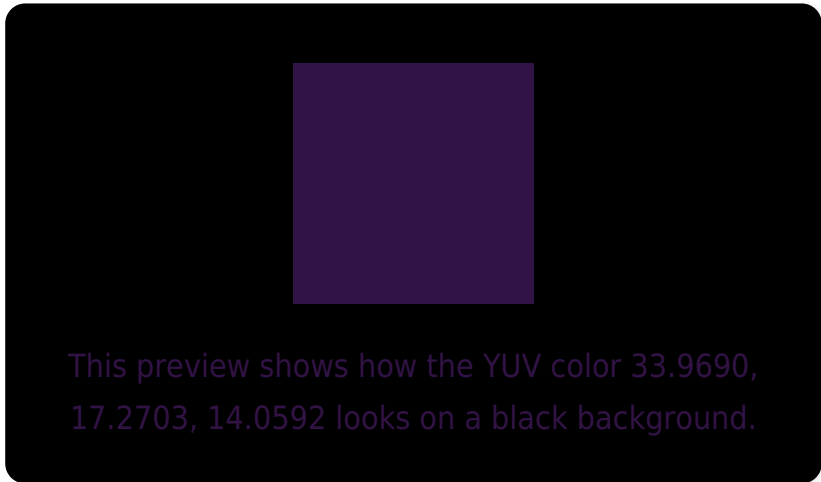
Large Text (above 18pt) WCAG AA ✓ Pass

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

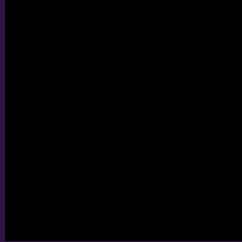
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.9690, 17.2703, 14.0592

Background



This preview shows how black text looks on a background with the YUV color 33.9690, 17.2703, 14.0592.



This preview shows how white text looks on a background with the YUV color 33.9690, 17.2703,

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

33.9690, 17.2703, 14.0592

Protanopia

28.0520, 21.1734, -24.6016

Deuteranopia

28.2000, 16.6634, -24.7314



Tritanopia

35.2290, -0.6059, 7.6922

Trichromacy



Original Color

33.9690, 17.2703, 14.0592

Protanomaly

30.3850, 19.5302, -10.8616

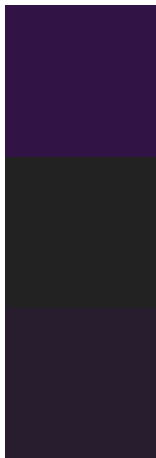
Deuteranomaly

30.4020, 17.0568, -10.8766

Tritanomaly

34.9610, 5.9352, 9.6812

Monochromacy



Original Color

33.9690, 17.2703, 14.0592

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.3410, 6.2409, 4.9629

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.9690, 17.2703, 14.0592 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(50, 19, 69)` looks like.

```
.text, #text, p{  
    color:rgb(50, 19, 69)  
}
```

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(50, 19, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 19, 69) }
```

Border

The CSS property to change the border of an element to YUV 33.9690, 17.2703, 14.0592 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(50, 19, 69) }
```


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

```
.border{ border-color:rgb(50, 19, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 19, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 19, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 19, 69);  
box-shadow:4px 4px 4px 4px rgb(50, 19, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.9690, 17.2703, 14.0592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 19, 69) }
```

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

```
.background{ background-color: rgb(50, 19,  
69) }
```

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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