

Converting Colors

YUV(33.7970, 35.1031, 34.3810)

Have a look what the booklet for
YUV(33.7970, 35.1031, 34.3810)
contains.

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Color

**YUV(33.7970, 35.1031,
34.3810)**

Conversions

Conversions Part 1

Format	Color
Hex	490069
RGB	73, 0, 105
RGB Percent	29%, 0%, 41%
CMY	0.7137, 1.0000, 0.5882
CMYK	0.30, 1.00, 0.00, 0.59
HSL	282°, 100%, 21%
HSV	282°, 100%, 41%
XYZ	5.2975, 2.4364, 13.5557
YIQ	33.7970, 9.8030, 48.1310

Conversions

Conversions Part 2

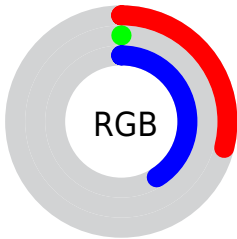
Format	Color
R_{YB}	73, 0, 105
Decimal	4784233
CIE _{Lab}	17.63, 46.04, -41.89
CIE _{LCh}	18, 62.243, 317.706
Yxy	2.4364, 0.2488, 0.1144
Android (android.graphics.Color)	4282974313 (0xFF490069)
YUV	33.7970, 35.1031, 34.3810
Hunter-Lab	15.6089, 33.2648, -40.5645

Details

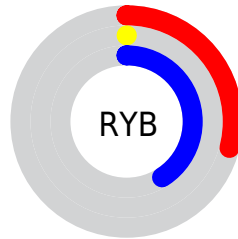
The YUV color **33.7970, 35.1031, 34.3810** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **71.2030, -35.1031, -34.3810**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.6180, 33.2193, 31.9070**, and **13.6740, 21.3597, 9.0559** is the 20% darker color. If you saturate the color by 10%, you get **33.7970, 35.1031, 34.3810**, and if you desaturate by 10%, it is **40.5640, 31.7669, 31.0774**.

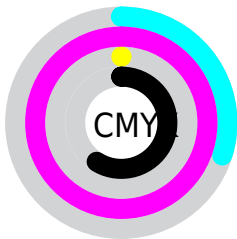
Distribution



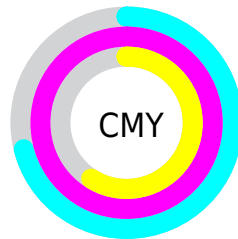
- Red (29%)
- Green (0%)
- Blue (41%)



- Red (29%)
- Yellow (0%)
- Blue (41%)



- Cyan (30%)
- Magenta (100%)
- Yellow (0%)
- Black (59%)



- Cyan (71%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.7970, 35.1031, 34.3810 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 33.7970, 35.1031, 34.3810 by changing the saturation by 10% instead.

33.7970, 35.1031,
34.3810

33.7970, 35.1031,
34.3810

250.8910, 2.0257,
3.6036

23.1730, 28.0157,
20.8963

89.6180, 33.2193,
31.9070

13.6740, 21.3597,
9.0559

115.4440, 33.7981,
32.9366

5.0500, 14.2723,
-4.4289

142.2700, 34.3769,
33.9662

0.9120, 3.4944,
-0.7998

170.0960, 34.9557,
34.9958


0.0000, 0.0000,
0.0000


196.2120, 28.9825,
37.5251


216.8450, 18.8104,


33.4619


 233.8680, 10.4181,
18.5328


 33.7970, 35.1031,
34.3810

 40.5640, 31.7669,
31.0774

 47.9180, 28.1414,
27.2589

 55.5710, 24.3685,
24.0552

 62.3380, 21.0324,
20.7516

 69.6920, 17.4068,
16.9331

■ 76.4590, 14.0707,
13.6295

■ 83.8130, 10.4452,
9.8110

■ 90.8790, 6.9617,
7.1221

■ 98.2330, 3.3361,
3.3037

Harmonies

Analogous

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



39.1150, 45.7923, -34.3039



33.7970, 35.1031, 34.3810



39.8870, 11.8877, 60.6121

Triad

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



33.7970, 35.1031, 34.3810



41.1760, -20.2998, 24.4016



42.6130, 13.5018, -37.3716

Complementary

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



33.7970, 35.1031, 34.3810



71.2030, -35.1031, -34.3810

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.



36.5540, -7.1751, -32.0579



33.7970, 35.1031, 34.3810



37.1350, -18.3076, -8.0114

Square

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



33.7970, 35.1031, 34.3810



29.3020, -14.4459, 60.2481



32.2850, -15.9165, -28.3139



47.1730, 30.9737, -41.3707

Rectangle

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



33.7970, 35.1031, 34.3810



38.2610, -2.1007, 67.3001



32.2850, -15.9165, -28.3139



40.7890, 6.5130, -35.7720

Sweetspot

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



33.7970, 35.1031, 34.3810



109.4590, 14.0707, 13.6295



31.3410, 36.3139, -27.4861



51.9330, 8.4140, 7.9518



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



33.7970, 35.1031, 34.3810



44.4360, 46.1271, 45.2216



41.1990, 22.0869, 55.9535



49.8800, 2.0312, 1.8592



37.8560, 39.0180, 38.7143



78.7600, 81.9563, 80.0175

Inverse Universe

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



35.0430, -1.5002, 61.3523



46.0500, -1.9966, 80.6402



63.8010, -22.0869, -55.9535



50.0220, -0.0108, 3.4887



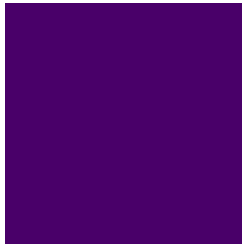
39.0870, -1.5219, 68.3297



81.8050, -3.3549, 143.1220

Previews

White Background



This preview shows how the YUV color 33.7970, 35.1031, 34.3810 looks on a white background.

Color Contrast Check

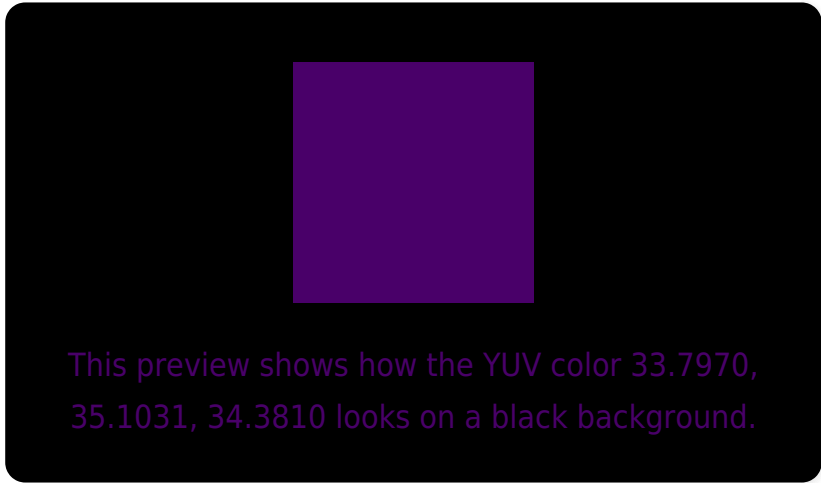
Large Text (above 18pt) WCAG AA ✓ Pass

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

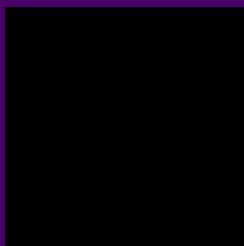
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.7970, 35.1031, 34.3810

Background



This preview shows how black text looks on a background with the YUV color 33.7970, 35.1031, 34.3810.



This preview shows how white text looks on a background with the YUV color 33.7970, 35.1031,

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



Protanopia

37.9460, 28.6206, -33.2786

Deuteranopia

37.6380, 22.3635, -33.0085

Tritanopia

47.9200, -1.9326, 13.2252

Trichromacy



Protanomaly

36.3820, 30.8707, -8.2280

Deuteranomaly

36.6440, 26.7975, -8.4578

Tritanomaly

42.8190, 11.4282, 21.2067

Monochromacy



Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.1060, 12.7657, 12.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.7970, 35.1031, 34.3810 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(73, 0, 105)` looks like.

```
.text, #text, p{  
    color:rgb(73, 0, 105)  
}
```

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(73, 0, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 0, 105) }
```

Border

The CSS property to change the border of an element to YUV 33.7970, 35.1031, 34.3810 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(73, 0, 105) }
```

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

```
.border{ border-color:rgb(73, 0, 105) }
```

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

Here you see how a box with a 4 pixel rgb(73, 0, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 0, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 0, 105);  
box-shadow:4px 4px 4px 4px rgb(73, 0, 105)  
}
```


Background

The CSS property to change the background color of an element to YUV 33.7970, 35.1031, 34.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 0, 105) }
```

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

```
.background{ background-color: rgb(73, 0,  
105) }
```

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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