

Converting Colors

YUV(33.4970, -3.6960, 18.8581)

Have a look what the booklet for
YUV(33.4970, -3.6960, 18.8581)
contains.

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Color

**YUV(33.4970, -3.6960,
18.8581)**

Conversions

Conversions Part 1

Format	Color
Hex	37181A
RGB	55, 24, 26
RGB Percent	22%, 9%, 10%
CMY	0.7843, 0.9059, 0.8980
CMYK	0.00, 0.56, 0.53, 0.78
HSL	356°, 39%, 15%
HSV	356°, 56%, 22%
XYZ	2.0886, 1.5401, 1.1645
YIQ	33.4970, 17.8340, 7.1940

Conversions

Conversions Part 2

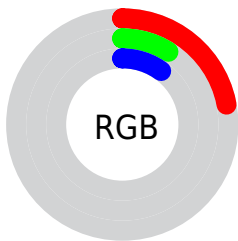
Format	Color
R_{YB}	55, 24, 26
Decimal	3610650
CIE _{Lab}	12.86, 15.65, 5.70
CIE _{LCh}	13, 16.654, 19.999
Yxy	1.5401, 0.4358, 0.3213
Android (android.graphics.Color)	4281800730 (0xFF37181A)
YUV	33.4970, -3.6960, 18.8581
Hunter-Lab	12.4100, 8.3246, 3.1236

Details

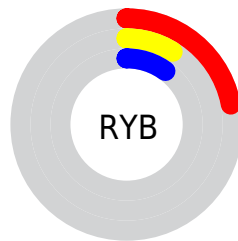
The YUV color **33.4970, -3.6960, 18.8581** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **45.5030, 3.6960, -18.8581**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.8780, -4.8699, 22.0320**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.4050, -4.1437, 22.4468**, and if you desaturate by 10%, it is **37.0020, -2.9590, 15.7842**.

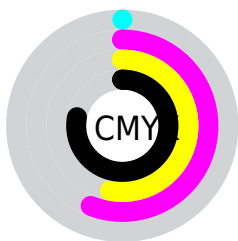
Distribution



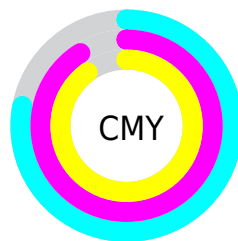
- Red (22%)
- Green (9%)
- Blue (10%)



- Red (22%)
- Yellow (9%)
- Blue (10%)



- Cyan (0%)
- Magenta (56%)
- Yellow (53%)
- Black (78%)



- Cyan (78%)
- Magenta (91%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.4970, -3.6960, 18.8581 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 33.4970, -3.6960, 18.8581 by changing the saturation by 10% instead.

■ 33.4970, -3.6960,
18.8581

■ 33.4970, -3.6960,
18.8581

■ 253.5980, -0.2948,
1.2296

■ 10.7640, -5.3067,
22.1320

■ 78.8780, -4.8699,
22.0320

■ 0.0000, 0.0000,
0.0000

■ 103.0630, -5.4541,
22.7467

■ 128.0740, -5.4595,
24.4911

■ 154.3730, -5.6069,
25.1059

■ 181.5580, -6.1911,
25.8206

■ 209.1560, -6.4859,

27.0502

■ 233.2690, -4.5696,
19.0581

■ 33.4970, -3.6960,
18.8581

■ 33.4970, -3.6960,
18.8581

■ 29.4050, -4.1437,
22.4468

■ 37.0020, -2.9590,
15.7842

■ 25.9000, -4.8807,
25.5207

■ 41.0940, -2.5113,
12.1956

■ 21.8080, -5.3283,
29.1094

■ 45.1860, -2.0637,
8.6069

■ 18.1890, -6.5022,
32.2832

■ 48.8050, -0.8899,
5.4330

■ 16.9010, -6.3602,
33.4128

■ 52.8970, -0.4422,
1.8443

■ 56.4020, 0.2948,
-1.2296

■ 60.4940, 0.7425,
-4.8182

■ 63.9990, 1.4795,
-7.8921

■ 68.0910, 1.9271,
-11.4808

Harmonies

Analogous

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



34.2670, 1.8404, 16.4288



33.4970, -3.6960, 18.8581



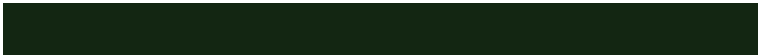
33.1070, -8.9268, 16.5692

Triad

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



33.4970, -3.6960, 18.8581



30.0390, -5.9352, -9.6812



28.4130, 13.6004, -22.2872

Complementary

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



33.4970, -3.6960, 18.8581



45.5030, 3.6960, -18.8581

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.



28.1200, 11.2798, -24.6612



33.4970, -3.6960, 18.8581



26.4980, 1.2335, -22.3617

Square

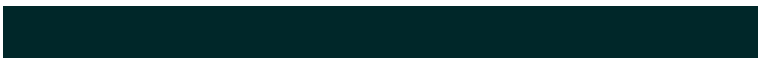
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.4970, -3.6960, 18.8581



31.3240, -11.4987, 1.4699



27.5670, 6.6225, -24.1763



33.4260, 10.6360, -4.7586

Rectangle

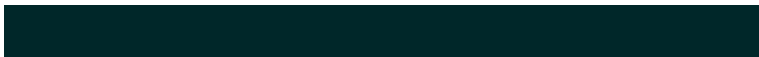
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.4970, -3.6960, 18.8581



32.6890, -11.6787, 12.5507



27.5670, 6.6225, -24.1763



27.9890, 13.3164, -24.5464

Sweetspot

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



33.4970, -3.6960, 18.8581



62.7020, -1.3321, 7.2773



36.2050, 9.2659, 14.7292



31.0930, -1.0318, 4.3034



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.



33.4970, -3.6960, 18.8581



37.6940, -5.7651, 29.2094



40.9000, -8.3317, 12.3657



25.8970, -0.4422, 1.8443



28.1920, -10.9407, 55.9596



67.0770, -26.1670, 133.2365

Inverse Universe

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



33.4970, -3.6960, 18.8581



37.6940, -5.7651, 29.2094



38.1000, 8.3317, -12.3657



25.8970, -0.4422, 1.8443



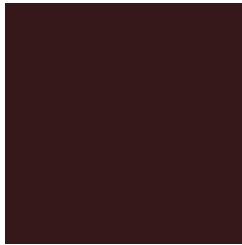
28.1920, -10.9407, 55.9596



67.0770, -26.1670, 133.2365

Previews

White Background



This preview shows how the YUV color 33.4970, -3.6960, 18.8581 looks on a white background.

Color Contrast Check

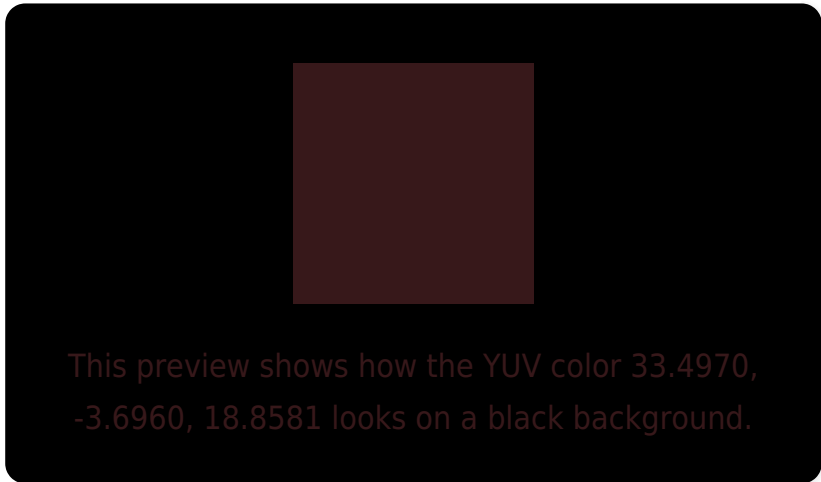
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4970, -3.6960, 18.8581

Background



This preview shows how black text looks on a background with the YUV color 33.4970, -3.6960, 18.8581.

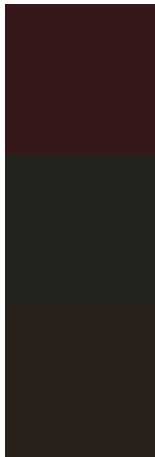


This preview shows how white text looks on a background with the YUV color 33.4970, -3.6960,

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

33.4970, -3.6960, 18.8581

Protanopia

33.9570, -1.4578, 0.9147

Deuteranopia

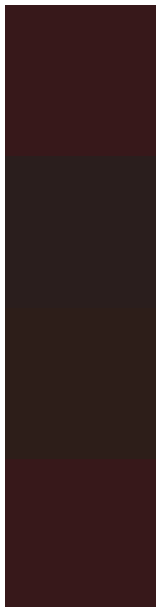
34.1810, -4.5262, 5.1033



Tritanopia

33.4970, -3.6960, 18.8581

Trichromacy



Original Color

33.4970, -3.6960, 18.8581

Protanomaly

33.4740, -2.2057, 7.4773

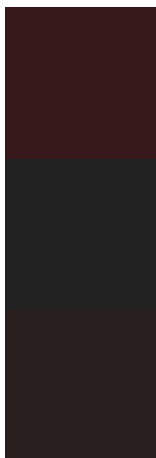
Deuteranomaly

33.9150, -4.3951, 9.7215

Tritanomaly

33.4970, -3.6960, 18.8581

Monochromacy



Original Color

33.4970, -3.6960, 18.8581

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.2890, -1.6215, 6.7625

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.4970, -3.6960, 18.8581 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, 24, 26)` looks like.

```
.text, #text, p{  
    color:rgb(55, 24, 26)  
}
```

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, 24, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 24, 26) }
```

Border

The CSS property to change the border of an element to YUV 33.4970, -3.6960, 18.8581 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, 24, 26) }
```


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

```
.border{ border-color:rgb(55, 24, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 24, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 24, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 24, 26);  
box-shadow:4px 4px 4px 4px rgb(55, 24, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.4970, -3.6960, 18.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 24, 26) }
```

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

```
.background{ background-color: rgb(55, 24,  
26) }
```

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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