

Converting Colors

YUV(32.6970, -3.7946, 3.7737)

Have a look what the booklet for
YUV(32.6970, -3.7946, 3.7737)
contains.

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Color

**YUV(32.6970, -3.7946,
3.7737)**

Conversions

Conversions Part 1

Format	Color
Hex	252019
RGB	37, 32, 25
RGB Percent	15%, 13%, 10%
CMY	0.8549, 0.8745, 0.9020
CMYK	0.00, 0.14, 0.32, 0.85
HSL	35°, 19%, 12%
HSV	35°, 32%, 15%
XYZ	1.4549, 1.4965, 1.1319
YIQ	32.6970, 5.2270, -1.1170

Conversions

Conversions Part 2

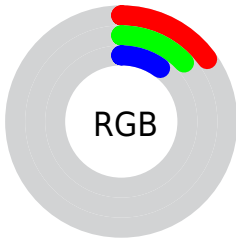
Format	Color
R_YB	34, 37, 25
Decimal	2433049
CIE Lab	12.59, 0.93, 5.64
CIE LCh	13, 5.713, 80.610
Yxy	1.4965, 0.3563, 0.3665
Android (android.graphics.Color)	4280623129 (0xFF252019)
YUV	32.6970, -3.7946, 3.7737
Hunter-Lab	12.2333, -0.1788, 3.0775

Details

The YUV color **32.6970, -3.7946, 3.7737** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29.3030, 3.7946, -3.7737**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.8820, -4.3788, 4.4885**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.0670, -4.9630, 5.2032**, and if you desaturate by 10%, it is **34.3270, -2.6262, 2.3442**.

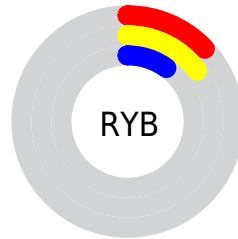
Distribution



Red (15%)

Green (13%)

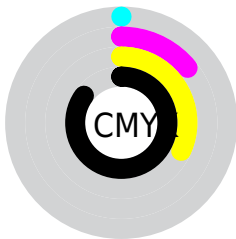
Blue (10%)



Red (13%)

Yellow (15%)

Blue (10%)

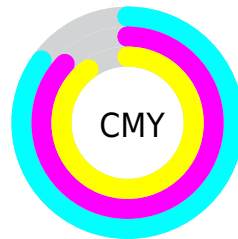


Cyan (0%)

Magenta (14%)

Yellow (32%)

Black (85%)



Cyan (85%)

Magenta (87%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.6970, -3.7946, 3.7737 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 32.6970, -3.7946, 3.7737 by changing the saturation by 10% instead.

■ 32.6970, -3.7946,
3.7737

■ 32.6970, -3.7946,
3.7737

■ 254.6580, -1.3104,
0.2999

■ 9.4800, -4.6736,
5.7180

■ 76.8820, -4.3788,
4.4885

■ 0.0000, 0.0000,
0.0000

■ 100.7680, -4.8156,
4.5885

■ 125.7680, -4.8156,
4.5885

■ 151.0670, -4.9630,
5.2032

■ 178.0670, -4.9630,
5.2032

■ 205.9530, -5.3998,

5.3032

■ 233.9530, -5.3998,
5.3032

■ 32.6970, -3.7946,
3.7737

■ 32.6970, -3.7946,
3.7737

■ 31.0670, -4.9630,
5.2032

■ 34.3270, -2.6262,
2.3442

■ 30.1380, -5.9840,
6.0180

■ 35.2560, -1.6052,
1.5295

■ 28.5080, -7.1524,
7.4475

■ 36.8860, -0.4368,
0.1000

■ 27.4650, -8.6102,
8.3622

■ 37.9290, 1.0210,
-0.8147

■ 25.8350, -9.7787,
9.7917

■ 39.5590, 2.1894,
-2.2442

■ 24.9060, -10.7997,
10.6064

■ 40.4880, 3.2104,
-3.0590

■ 23.9770, -11.8207,
11.4212

■ 42.1180, 4.3788,
-4.4885

■ 43.1610, 5.8366,
-5.4032

■ 44.6770, 6.5682,
-6.7327

Harmonies

Analogous

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



33.2350, -3.0739, 5.9329



32.6970, -3.7946, 3.7737



32.0880, -3.4944, 0.7998

Triad

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



32.6970, -3.7946, 3.7737



31.1130, 1.9163, -7.9921



33.5920, 2.1731, 2.9888

Complementary

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



32.6970, -3.7946, 3.7737



29.3030, 3.7946, -3.7737

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.



32.9120, 3.4944, -0.7998



32.6970, -3.7946, 3.7737



31.2810, 3.8055, -7.2624

Square

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



32.6970, -3.7946, 3.7737



31.2550, -0.1257, -6.3626



32.0040, 3.9420, -4.3885



33.4460, 0.2731, 5.7479

Rectangle

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



32.6970, -3.7946, 3.7737



32.0060, -2.4680, -1.7593



32.0040, 3.9420, -4.3885



33.1080, 2.9048, 1.6593

Sweetspot

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



32.6970, -3.7946, 3.7737



46.3700, -1.1684, 1.4295



29.1580, 0.4151, 6.8774



24.3700, -1.1684, 1.4295



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



32.6970, -3.7946, 3.7737



41.8390, -5.8366, 5.4032



35.3330, -5.0942, 0.5850



17.1850, -0.5842, 0.7148



52.6940, -25.9781, 25.7014



134.1050, -66.1138, 65.6829

Inverse Universe

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



29.3030, 3.7946, -3.7737



36.1610, 5.8366, -5.4032



26.6670, 5.0942, -0.5850



16.8150, 0.5842, -0.7148



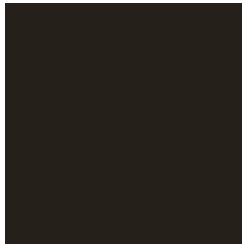
29.3060, 25.9781, -25.7014



74.8950, 66.1138, -65.6829

Previews

White Background



This preview shows how the YUV color 32.6970, -3.7946, 3.7737 looks on a white background.

Color Contrast Check

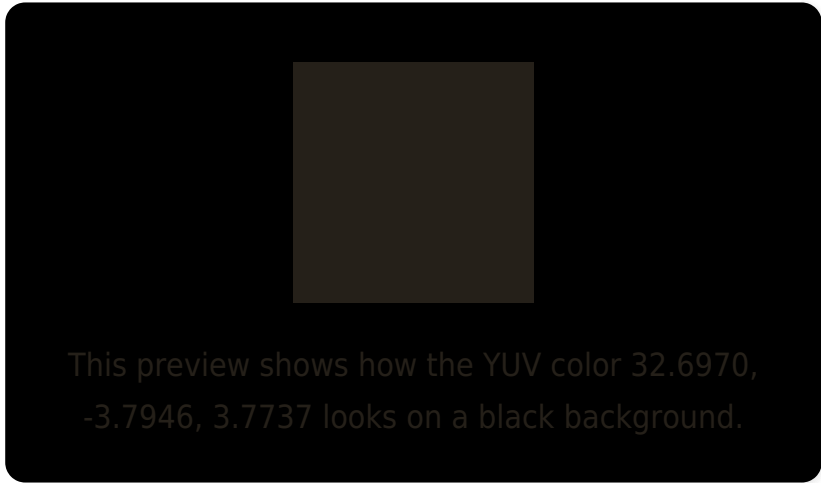
Large Text (above 18pt) WCAG AA ✓ Pass

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

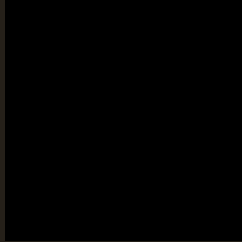
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.6970, -3.7946, 3.7737

Background



This preview shows how black text looks on a background with the YUV color 32.6970, -3.7946, 3.7737.



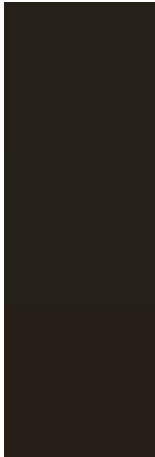
This preview shows how white text looks on a background with the YUV color 32.6970, -3.7946, 3.7737.

3.7737.

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

32.6970, -3.7946, 3.7737

Protanopia

32.6860, -3.7892, 2.0294

Deuteranopia

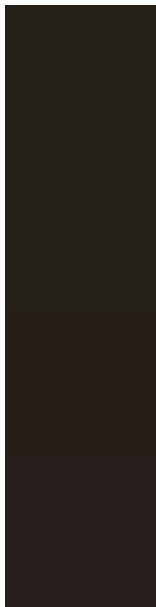
32.4090, -3.6526, 4.9033



Tritanopia

33.3210, -0.1583, 4.1035

Trichromacy



Original Color

32.6970, -3.7946, 3.7737

Protanomaly

32.9850, -3.9366, 2.6442

Deuteranomaly

32.4090, -3.6526, 4.9033

Tritanomaly

32.9790, -1.4686, 4.4034

Monochromacy



Original Color

32.6970, -3.7946, 3.7737

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.6970, -3.7946, 3.7737 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(37, 32, 25)` looks like.

```
.text, #text, p{  
    color:rgb(37, 32, 25)  
}
```

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(37, 32, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 32, 25) }
```

Border

The CSS property to change the border of an element to YUV 32.6970, -3.7946, 3.7737 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(37, 32, 25) }
```


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

```
.border{ border-color:rgb(37, 32, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 32, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 32, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 32, 25);  
box-shadow:4px 4px 4px 4px rgb(37, 32, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.6970, -3.7946, 3.7737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 32, 25) }
```

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

```
.background{ background-color: rgb(37, 32,  
25) }
```

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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