

Converting Colors

YUV(33.7530, -8.7522, 7.2326)

Have a look what the booklet for
YUV(33.7530, -8.7522, 7.2326)
contains.

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Color

**YUV(33.7530, -8.7522,
7.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	2A2110
RGB	42, 33, 16
RGB Percent	16%, 13%, 6%
CMY	0.8353, 0.8706, 0.9373
CMYK	0.00, 0.21, 0.62, 0.84
HSL	39°, 45%, 11%
HSV	39°, 62%, 16%
XYZ	1.5922, 1.6174, 0.7185
YIQ	33.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

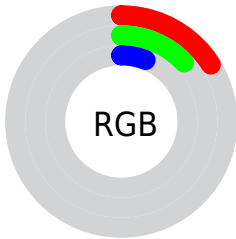
Format	Color
RYB	30, 42, 16
Decimal	2760976
CIELab	13.34, 1.49, 12.72
CIELCh	13, 12.803, 83.318
Yxy	1.6174, 0.4053, 0.4117
Android (android.graphics.Color)	4280951056 (0xFF2A2110)
YUV	33.7530, -8.7522, 7.2326
Hunter-Lab	12.7176, 0.0923, 5.5527

Details

The YUV color **33.7530, -8.7522, 7.2326** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24.2470, 8.7522, -7.2326**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.1230, -9.9206, 8.6621**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.7100, -10.2100, 8.1473**, and if you desaturate by 10%, it is **34.7960, -7.2944, 6.3179**.

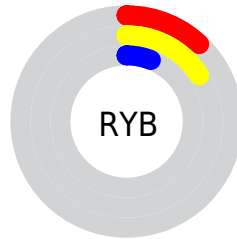
Distribution



Red (16%)

Green (13%)

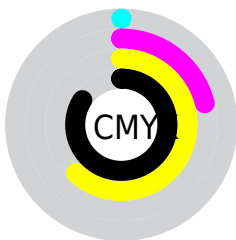
Blue (6%)



Red (12%)

Yellow (16%)

Blue (6%)

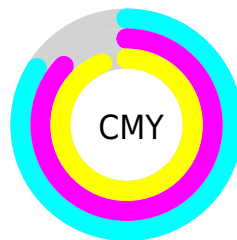


Cyan (0%)

Magenta (21%)

Yellow (62%)

Black (84%)



Cyan (84%)

Magenta (87%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.7530, -8.7522, 7.2326 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 33.7530, -8.7522, 7.2326 by changing the saturation by 10% instead.

■ 33.7530, -8.7522,
7.2326

■ 33.7530, -8.7522,
7.2326

■ 253.2900, -6.5520,
1.4997

■ 11.8500, -5.8420,
7.1476

■ 78.1230, -9.9206,
8.6621

■ 0.0000, 0.0000,
0.0000

■ 102.4220,
-10.0680, 9.2769


■ 127.6070,
-10.6523, 9.9917


■ 153.4930,
-11.0890, 10.0916


■ 179.7920,
-11.2365, 10.7064


■ 207.6780,


-11.6733, 10.8064


 235.9770,
-11.8207, 11.4212


 33.7530, -8.7522,
7.2326


 33.7530, -8.7522,
7.2326


 32.7100, -10.2100,
8.1473


 34.7960, -7.2944,
6.3179


 31.0800, -11.3784,
9.5768


 36.4260, -6.1260,
4.8884

 29.9230, -13.2730,
10.5915

 37.5830, -4.2314,
3.8737

 28.4070, -14.0047,
11.9211

 39.2130, -3.0630,
2.4442

 40.2560, -1.6052,
1.5295

■ 41.8860, -0.4368,
0.1000

■ 42.9290, 1.0210,
-0.8147

■ 44.6730, 2.6262,
-2.3442

■ 45.7160, 4.0840,
-3.2589

Harmonies

Analogous

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



34.2420, -7.0213, 12.0658



33.7530, -8.7522, 7.2326



32.9370, -7.8569, 0.0553

Triad

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



33.7530, -8.7522, 7.2326



28.1650, 6.3277, -22.9467



35.3090, 4.7777, 7.6220

Complementary

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



33.7530, -8.7522, 7.2326



24.2470, 8.7522, -7.2326

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.



34.7530, 8.0098, -2.4144



33.7530, -8.7522, 7.2326



28.9740, 9.3798, -21.9022

Square

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



33.7530, -8.7522, 7.2326



29.8300, 1.0698, -16.5139



32.4420, 9.6421, -12.6656



35.0170, 0.9776, 13.1401

Rectangle

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



33.7530, -8.7522, 7.2326



31.8870, -5.3673, -5.1629



32.4420, 9.6421, -12.6656



34.9280, 5.9515, 4.4481

Sweetspot

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



33.7530, -8.7522, 7.2326



50.3980, -3.6472, 3.1590



24.8000, 0.0986, 15.0844



26.1420, -2.0420, 1.6295



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



33.7530, -8.7522, 7.2326



41.2220, -13.4204, 11.2063



37.8400, -10.7671, 0.1403



19.7720, -0.8736, 0.2000



57.4010, -28.2987, 23.3273



144.3940, -71.1862, 59.2905

Inverse Universe

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



24.2470, 8.7522, -7.2326



26.7780, 13.4204, -11.2063



20.1600, 10.7671, -0.1403



18.8150, 0.5842, -0.7148



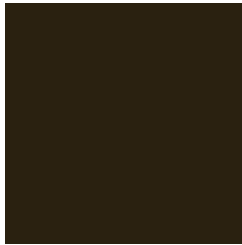
26.5990, 28.2987, -23.3273



67.0190, 71.4756, -58.7757

Previews

White Background



This preview shows how the YUV color 33.7530, -8.7522, 7.2326 looks on a white background.

Color Contrast Check

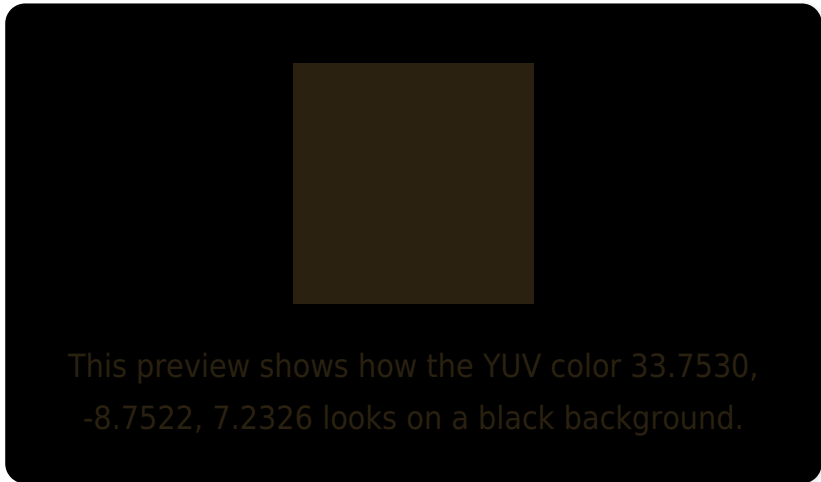
Large Text (above 18pt) WCAG AA ✓ Pass

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

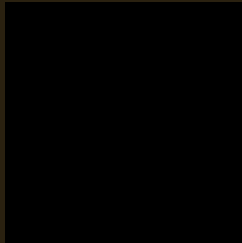
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.7530, -8.7522, 7.2326

Background



This preview shows how black text looks on a background with the YUV color 33.7530, -8.7522, 7.2326.

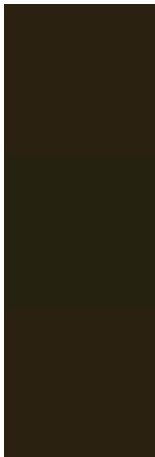


This preview shows how white text looks on a background with the YUV color 33.7530, -8.7522,

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

33.7530, -8.7522, 7.2326

Protanopia

33.1440, -8.4520, 4.2587

Deuteranopia

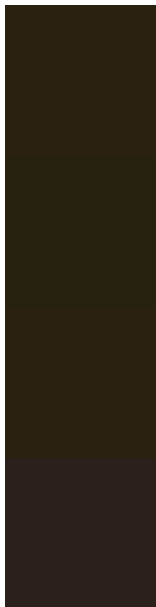
34.0520, -8.8996, 7.8474



Tritanopia

34.8160, -0.8953, 7.1774

Trichromacy



Original Color

33.7530, -8.7522, 7.2326

Protanomaly

33.4430, -8.5994, 4.8735

Deuteranomaly

34.0520, -8.8996, 7.8474

Tritanomaly

34.7190, -3.8055, 7.2624

Monochromacy



Original Color

33.7530, -8.7522, 7.2326

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.0990, -3.4998, 2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.7530, -8.7522, 7.2326 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(42, 33, 16)` looks like.

```
.text, #text, p{  
    color:rgb(42, 33, 16)  
}
```

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(42, 33, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 33, 16) }
```

Border

The CSS property to change the border of an element to YUV 33.7530, -8.7522, 7.2326 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(42, 33, 16) }
```


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

```
.border{ border-color:rgb(42, 33, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 33, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 33, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 33, 16);  
box-shadow:4px 4px 4px 4px rgb(42, 33, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.7530, -8.7522, 7.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 33, 16) }
```

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

```
.background{ background-color: rgb(42, 33,  
16) }
```

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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