

Converting Colors

YUV(33.7030, -2.8116, 15.1695)

Have a look what the booklet for
YUV(33.7030, -2.8116, 15.1695)
contains.

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Color

**YUV(33.7030, -2.8116,
15.1695)**

Conversions

Conversions Part 1

Format	Color
Hex	331A1C
RGB	51, 26, 28
RGB Percent	20%, 10%, 11%
CMY	0.8000, 0.8980, 0.8902
CMYK	0.00, 0.49, 0.45, 0.80
HSL	355°, 32%, 15%
HSV	355°, 49%, 20%
XYZ	1.9442, 1.5264, 1.2908
YIQ	33.7030, 14.2580, 5.9220

Conversions

Conversions Part 2

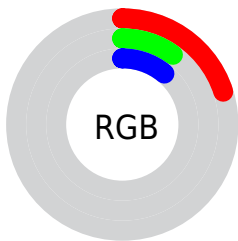
Format	Color
R_{YB}	51, 26, 28
Decimal	3349020
CIE _{Lab}	12.78, 12.71, 4.01
CIE _{LCh}	13, 13.330, 17.504
Yxy	1.5264, 0.4083, 0.3206
Android (android.graphics.Color)	4281539100 (0xFF331A1C)
YUV	33.7030, -2.8116, 15.1695
Hunter-Lab	12.3549, 6.4687, 2.4542




Details

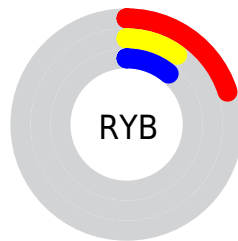
The YUV color **33.7030, -2.8116, 15.1695** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **43.2970, 2.8116, -15.1695**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.7850, -3.8380, 17.7286**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.1980, -3.5486, 18.2434**, and if you desaturate by 10%, it is **37.2080, -2.0745, 12.0956**.

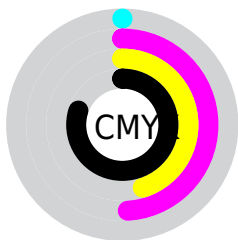
Distribution







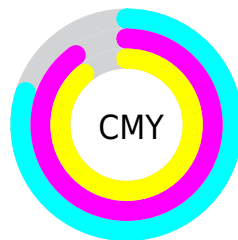
-  Red (20%)
-  Green (10%)
-  Blue (11%)






-  Red (20%)
-  Yellow (10%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (49%)
-  Yellow (45%)
-  Black (80%)



-  Cyan (80%)
-  Magenta (90%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.7030, -2.8116, 15.1695 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 33.7030, -2.8116, 15.1695 by changing the saturation by 10% instead.

■ 33.7030, -2.8116,
15.1695

■ 33.7030, -2.8116,
15.1695

■ 254.4130, 0.2894,
0.5148

■ 9.6820, -4.2802,
19.5729

■ 78.7850, -3.8380,
17.7286

■ 0.0000, 0.0000,
0.0000

■ 102.4970, -3.6960,
18.8581

■ 127.7960, -3.8434,
19.4729

■ 153.9810, -4.4276,
20.1877

■ 180.6930, -4.2856,
21.3172

■ 208.5790, -4.7224,

21.4172

■ 234.7850, -3.8380,
17.7286

■ 33.7030, -2.8116,
15.1695

■ 33.7030, -2.8116,
15.1695

■ 30.1980, -3.5486,
18.2434

■ 37.2080, -2.0745,
12.0956

■ 26.8070, -3.8489,
21.2173

■ 40.5990, -1.7743,
9.1217

■ 23.3020, -4.5859,
24.2911

■ 44.1040, -1.0373,
6.0478

■ 19.7970, -5.3229,
27.3650

■ 47.6090, -0.3002,
2.9739

■ 15.8190, -5.3338,
30.8537

■ 51.5870, -0.2894,
-0.5148

■ 15.7050, -5.7706,
30.9537

■ 55.0920, 0.4476,
-3.5887

■ 58.5970, 1.1847,
-6.6626

■ 62.1020, 1.9217,
-9.7365

■ 65.4930, 2.2220,
-12.7104

Harmonies

Analogous

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



34.1310, 1.4144, 13.0401



33.7030, -2.8116, 15.1695



33.3670, -6.5899, 13.7101

Triad

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



33.7030, -2.8116, 15.1695



30.2890, -5.0725, -6.3925



29.9470, 10.3791, -15.7395

Complementary

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



33.7030, -2.8116, 15.1695



43.2970, 2.8116, -15.1695

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.



26.9630, 9.3852, -23.6466



33.7030, -2.8116, 15.1695



28.9010, 0.0488, -15.6992

Square

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



33.7030, -2.8116, 15.1695



31.7200, -8.7360, 1.9996



26.6380, 5.6015, -23.3615



32.9700, 8.8888, -4.3587

Rectangle

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



33.7030, -2.8116, 15.1695



32.7750, -8.7631, 10.7213



26.6380, 5.6015, -23.3615



28.6260, 10.5374, -19.8430

Sweetspot

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



33.7030, -2.8116, 15.1695



59.1040, -1.0373, 6.0478



35.7270, 7.5296, 11.6404



28.9080, -0.4476, 3.5887



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



33.7030, -2.8116, 15.1695



39.0030, -4.4385, 23.6764



39.3450, -6.5791, 10.2214



23.8970, -0.4422, 1.8443



27.4090, -10.0616, 54.0153



66.8210, -24.5618, 131.7070

Inverse Universe

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



33.7030, -2.8116, 15.1695



39.0030, -4.4385, 23.6764



37.6550, 6.5791, -10.2214



23.8970, -0.4422, 1.8443



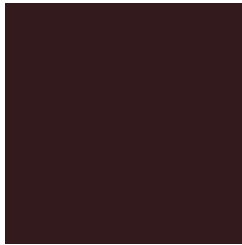
27.4090, -10.0616, 54.0153



66.8210, -24.5618, 131.7070

Previews

White Background



This preview shows how the YUV color 33.7030, -2.8116, 15.1695 looks on a white background.

Color Contrast Check

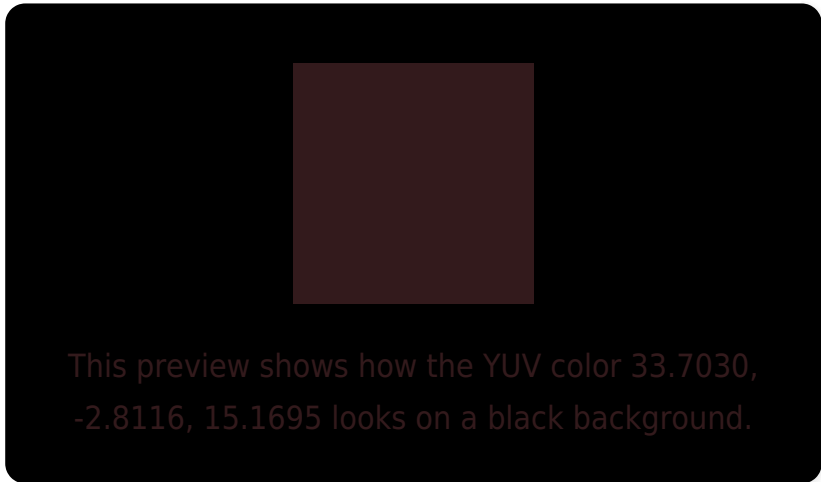
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.7030, -2.8116, 15.1695

Background



This preview shows how black text looks on a background with the YUV color 33.7030, -2.8116, 15.1695.

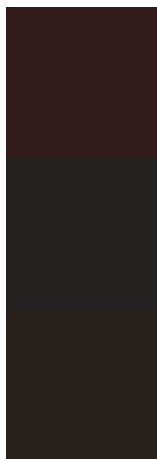


This preview shows how white text looks on a background with the YUV color 33.7030, -2.8116,

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

33.7030, -2.8116, 15.1695

Protanopia

34.0710, -1.0210, 0.8147

Deuteranopia

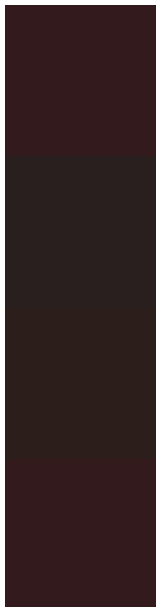
33.5230, -3.2158, 4.8033



Tritanopia

33.7030, -2.8116, 15.1695

Trichromacy



Original Color

33.7030, -2.8116, 15.1695

Protanomaly

33.9900, -1.4741, 6.1478

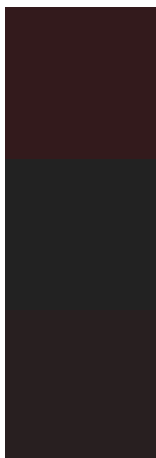
Deuteranomaly

33.5450, -3.2267, 8.2920

Tritanomaly

33.7030, -2.8116, 15.1695

Monochromacy



Original Color

33.7030, -2.8116, 15.1695

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.8050, -0.8899, 5.4330

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.7030, -2.8116, 15.1695 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(51, 26, 28)` looks like.

```
.text, #text, p{  
    color:rgb(51, 26, 28)  
}
```

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(51, 26, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 26, 28) }
```

Border

The CSS property to change the border of an element to YUV 33.7030, -2.8116, 15.1695 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(51, 26, 28) }
```


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

```
.border{ border-color:rgb(51, 26, 28) }
```

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

Here you see how a box with a 4 pixel rgb(51, 26, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 26, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 26, 28);  
box-shadow:4px 4px 4px 4px rgb(51, 26, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.7030, -2.8116, 15.1695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 26, 28) }
```

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

```
.background{ background-color: rgb(51, 26,  
28) }
```

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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