

Converting Colors

YUV(37.7030, -2.8116, 15.1695)

Have a look what the booklet for
YUV(37.7030, -2.8116, 15.1695)
contains.

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Color

**YUV(37.7030, -2.8116,
15.1695)**

Conversions

Conversions Part 1

Format	Color
Hex	371E20
RGB	55, 30, 32
RGB Percent	22%, 12%, 13%
CMY	0.7843, 0.8824, 0.8745
CMYK	0.00, 0.45, 0.42, 0.78
HSL	355°, 29%, 17%
HSV	355°, 45%, 22%
XYZ	2.3005, 1.8451, 1.6014
YIQ	37.7030, 14.2580, 5.9220

Conversions

Conversions Part 2

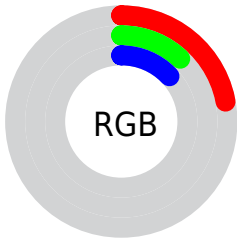
Format	Color
R_{YB}	55, 30, 32
Decimal	3612192
CIE _{Lab}	14.65, 12.51, 3.85
CIE _{LCh}	15, 13.090, 17.093
Yxy	1.8451, 0.4003, 0.3210
Android (android.graphics.Color)	4281802272 (0xFF371E20)
YUV	37.7030, -2.8116, 15.1695
Hunter-Lab	13.5833, 6.4609, 2.5184

Details

The YUV color **37.7030, -2.8116, 15.1695** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47.2970, 2.8116, -15.1695**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.8990, -3.4012, 17.6286**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.1980, -3.5486, 18.2434**, and if you desaturate by 10%, it is **41.7950, -2.3639, 11.5808**.

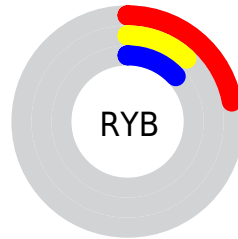
Distribution



Red (22%)

Green (12%)

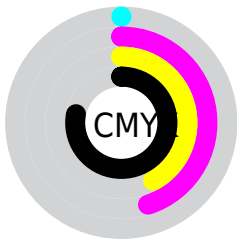
Blue (13%)



Red (22%)

Yellow (12%)

Blue (13%)

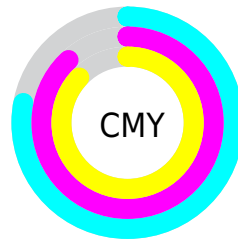


Cyan (0%)

Magenta (45%)

Yellow (42%)

Black (78%)



Cyan (78%)

Magenta (88%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7030, -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 37.7030, -2.8116, 15.1695 by changing the saturation by 10% instead.

■ 37.7030, -2.8116,
15.1695

■ 37.7030, -2.8116,
15.1695

255.0000, 0.0000,
0.0000

■ 15.1870, -3.5432,
16.4990

■ 82.8990, -3.4012,
17.6286

■ 0.0000, 0.0000,
0.0000

■ 107.1980, -3.5486,
18.2434

■ 132.7960, -3.8434,
19.4729

■ 158.9810, -4.4276,
20.1877

■ 186.2800, -4.5750,
20.8024

■ 213.6930, -4.2856,

21.3172

238.4040, -2.6642,
14.5547

37.7030, -2.8116,
15.1695

37.7030, -2.8116,
15.1695

34.1980, -3.5486,
18.2434

41.7950, -2.3639,
11.5808

30.1060, -3.9963,
21.8320

45.3000, -1.6269,
8.5069

26.0140, -4.4439,
25.4207

49.3920, -1.1793,
4.9182

22.5090, -5.1809,
28.4946

52.8970, -0.4422,
1.8443

18.4170, -5.6286,
32.0833

56.9890, 0.0054,
-1.7444

■ 16.9010, -6.3602,
33.4128

■ 60.4940, 0.7425,
-4.8182

■ 64.5860, 1.1901,
-8.4069

■ 68.0910, 1.9271,
-11.4808

■ 72.2970, 2.8116,
-15.1695

Harmonies

Analogous

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



37.8320, 1.5618, 12.4253



37.7030, -2.8116, 15.1695



37.3670, -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.



37.7030, -2.8116, 15.1695



34.2890, -5.0725, -6.3925



34.2460, 10.2317, -15.1247

Complementary

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



37.7030, -2.8116, 15.1695



47.2970, 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.



30.9630, 9.3852, -23.6466



37.7030, -2.8116, 15.1695



33.2000, -0.0986, -15.0844

Square

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



37.7030, -2.8116, 15.1695



35.8340, -8.2992, 1.8996



30.9370, 5.4541, -22.7467



36.8560, 8.4520, -4.2587

Rectangle

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



37.7030, -2.8116, 15.1695



36.8890, -8.3263, 10.6213



30.9370, 5.4541, -22.7467



33.2240, 10.2426, -18.6134

Sweetspot

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



37.7030, -2.8116, 15.1695



64.1040, -1.0373, 6.0478



39.7270, 7.5296, 11.6404



31.7940, -0.8844, 3.6887



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.



37.7030, -2.8116, 15.1695



44.0030, -4.4385, 23.6764



43.3450, -6.5791, 10.2214



25.8970, -0.4422, 1.8443



28.3060, -10.5039, 55.8596



67.5330, -24.4198, 132.8366

Inverse Universe

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



37.7030, -2.8116, 15.1695



44.0030, -4.4385, 23.6764



41.6550, 6.5791, -10.2214



25.8970, -0.4422, 1.8443



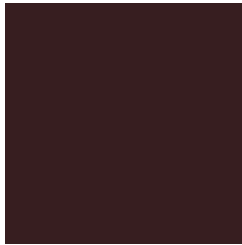
28.3060, -10.5039, 55.8596



67.5330, -24.4198, 132.8366

Previews

White Background



This preview shows how the YUV color 37.7030, -2.8116, 15.1695 looks on a white background.

Color Contrast Check

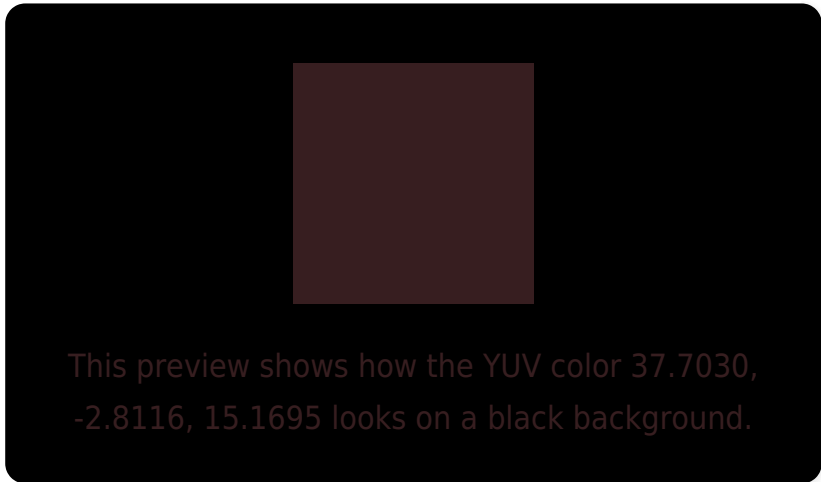
Large Text (above 18pt) WCAG AA ✓ Pass

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

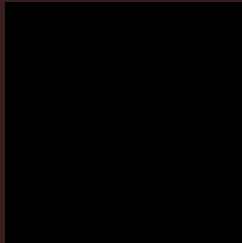
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.7030, -2.8116, 15.1695

Background



This preview shows how black text looks on a background with the YUV color 37.7030, -2.8116, 15.1695.

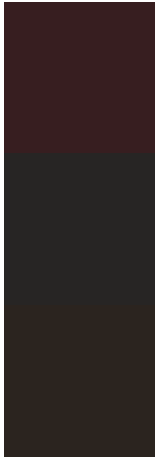


This preview shows how white text looks on a background with the YUV color 37.7030, -2.8116,

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

37.7030, -2.8116, 15.1695

Protanopia

37.4840, -0.7316, 1.3295

Deuteranopia

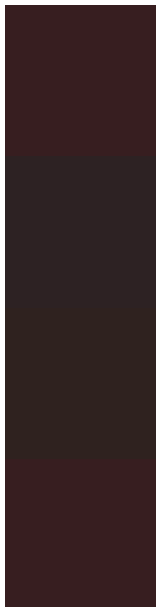
37.5230, -3.2158, 4.8033



Tritanopia

37.7030, -2.8116, 15.1695

Trichromacy



Original Color

37.7030, -2.8116, 15.1695

Protanomaly

37.4030, -1.1847, 6.6626

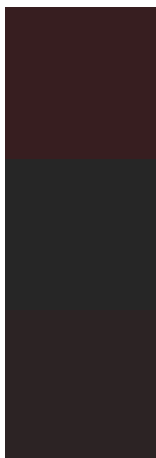
Deuteranomaly

37.5450, -3.2267, 8.2920

Tritanomaly

37.7030, -2.8116, 15.1695

Monochromacy



Original Color

37.7030, -2.8116, 15.1695

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.8050, -0.8899, 5.4330

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7030, -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(55, 30, 32)` looks like.

```
.text, #text, p{  
    color:rgb(55, 30, 32)  
}
```

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, 30, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 30, 32) }
```

Border

The CSS property to change the border of an element to YUV 37.7030, -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(55, 30, 32) }
```


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

```
.border{ border-color:rgb(55, 30, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 30, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 30, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 30, 32);  
box-shadow:4px 4px 4px 4px rgb(55, 30, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.7030, -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(55, 30, 32) }
```

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

```
.background{ background-color: rgb(55, 30,  
32) }
```

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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