

Converting Colors

YUV(37.2530, -7.0267, 13.8101)

Have a look what the booklet for
YUV(37.2530, -7.0267, 13.8101)
contains.

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Color

**YUV(37.2530, -7.0267,
13.8101)**

Conversions

Conversions Part 1

Format	Color
Hex	352017
RGB	53, 32, 23
RGB Percent	21%, 13%, 9%
CMY	0.7922, 0.8745, 0.9098
CMYK	0.00, 0.40, 0.57, 0.79
HSL	18°, 39%, 15%
HSV	18°, 57%, 21%
XYZ	2.1394, 1.8518, 1.0553
YIQ	37.2530, 15.4050, 1.6530

Conversions

Conversions Part 2

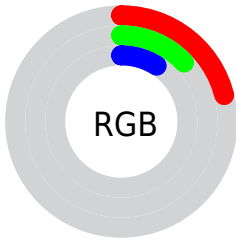
Format	Color
R_{YB}	53, 36, 23
Decimal	3481623
CIE _{Lab}	14.69, 8.89, 10.27
CIE _{LCh}	15, 13.585, 49.117
Yxy	1.8518, 0.4239, 0.3669
Android (android.graphics.Color)	4281671703 (0xFF352017)
YUV	37.2530, -7.0267, 13.8101
Hunter-Lab	13.6080, 4.2488, 4.9277

Details

The YUV color **37.2530, -7.0267, 13.8101** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38.7470, 7.0267, -13.8101**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.3350, -8.0532, 16.3692**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.3350, -8.0532, 16.3692**, and if you desaturate by 10%, it is **40.1710, -6.0003, 11.2510**.

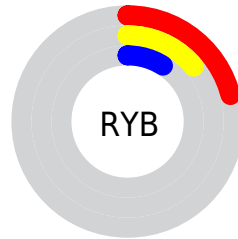
Distribution



Red (21%)

Green (13%)

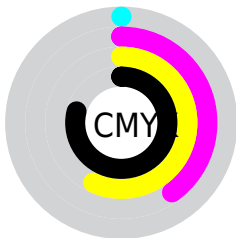
Blue (9%)



Red (21%)

Yellow (14%)

Blue (9%)

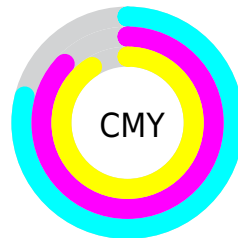


Cyan (0%)

Magenta (40%)

Yellow (57%)

Black (79%)



Cyan (79%)

Magenta (87%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.2530, -7.0267, 13.8101 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 37.2530, -7.0267, 13.8101 by changing the saturation by 10% instead.

■ 37.2530, -7.0267,
13.8101

■ 37.2530, -7.0267,
13.8101

■ 254.3160, -2.6208,
0.5999

■ 15.1500, -7.4689,
15.6545

■ 82.3350, -8.0532,
16.3692

■ 0.0000, 0.0000,
0.0000

■ 106.8190, -8.7848,
17.6987

■ 132.1180, -8.9322,
18.3135

■ 158.3030, -9.5164,
19.0283

■ 185.4880,
-10.1006, 19.7430

■ 212.9010, -9.8112,

20.2578

■ 238.0960, -8.9213,
14.8248

■ 37.2530, -7.0267,
13.8101

■ 37.2530, -7.0267,
13.8101

■ 34.3350, -8.0532,
16.3692

■ 40.1710, -6.0003,
11.2510

■ 31.8900, -9.8058,
18.5135

■ 42.6160, -4.2477,
9.1068

■ 28.9720, -10.8322,
21.0726

■ 45.5340, -3.2213,
6.5477

■ 26.0540, -11.8586,
23.6316

■ 48.4520, -2.1948,
3.9886

■ 25.2390, -12.4428,
24.3464

■ 51.4840, -0.7316,
1.3295

■ 53.8150, 0.5842,
-0.7148

■ 56.7330, 1.6106,
-3.2738

■ 59.6510, 2.6371,
-5.8329

■ 62.0960, 4.3897,
-7.9772

Harmonies

Analogous

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



37.8880, -3.3958, 15.8842



37.2530, -7.0267, 13.8101



36.3510, -9.0470, 8.4622

Triad

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



37.2530, -7.0267, 13.8101



32.6020, 0.1962, -16.3140



37.2690, 8.7414, -3.7439

Complementary

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



37.2530, -7.0267, 13.8101



38.7470, 7.0267, -13.8101

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.



34.3600, 10.6685, -15.2247



37.2530, -7.0267, 13.8101



30.1540, 6.3331, -24.6911

Square

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



37.2530, -7.0267, 13.8101



34.5770, -5.2145, -7.5220



30.4790, 10.1169, -24.9761



38.2380, 5.7987, 6.8073

Rectangle

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



37.2530, -7.0267, 13.8101



35.7310, -8.7414, 3.7439



30.4790, 10.1169, -24.9761



36.4750, 9.6258, -7.4326

Sweetspot

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



37.2530, -7.0267, 13.8101



62.9360, -2.9264, 5.3181



34.3640, 4.7505, 16.3438



32.2670, -1.6106, 3.2738



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.



37.2530, -7.0267, 13.8101



44.2710, -10.9796, 21.6873



46.0580, -11.3676, 6.0881



24.4840, -0.7316, 1.3295



42.4600, -20.9328, 40.8156



103.0380, -50.7977, 99.9447

Inverse Universe

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



38.7470, 7.0267, -13.8101



46.7290, 10.9796, -21.6873



29.9420, 11.3676, -6.0881



24.5160, 0.7316, -1.3295



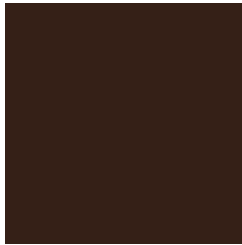
46.5400, 20.9328, -40.8156



113.9620, 50.7977, -99.9447

Previews

White Background



This preview shows how the YUV color 37.2530, -7.0267, 13.8101 looks on a white background.

Color Contrast Check

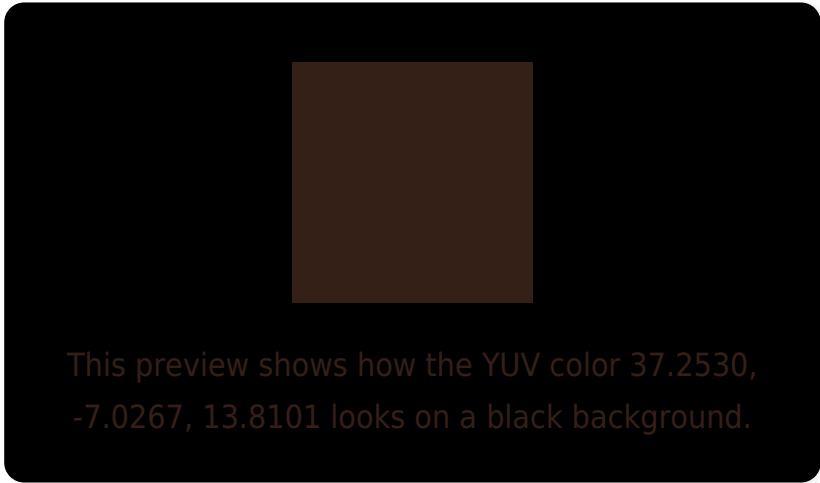
Large Text (above 18pt) WCAG AA ✓ Pass

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

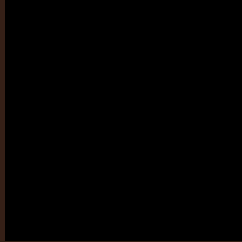
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.2530, -7.0267, 13.8101

Background



This preview shows how black text looks on a background with the YUV color 37.2530, -7.0267, 13.8101.



This preview shows how white text looks on a background with the YUV color 37.2530, -7.0267,

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

37.2530, -7.0267, 13.8101

Protanopia

36.8280, -5.8312, 3.6588

Deuteranopia

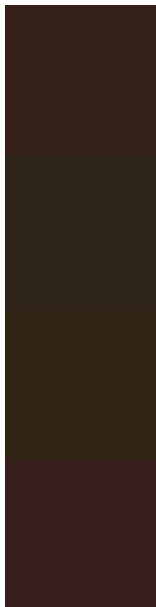
37.0950, -7.4418, 6.9327



Tritanopia

38.1050, -2.5168, 13.9399

Trichromacy



Original Color

37.2530, -7.0267, 13.8101

Protanomaly

36.7360, -6.2788, 7.2475

Deuteranomaly

37.4050, -7.5947, 9.2918

Tritanomaly

37.6490, -4.2640, 14.3398

Monochromacy



Original Color

37.2530, -7.0267, 13.8101

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0500, -2.4897, 5.2181

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.2530, -7.0267, 13.8101 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(53, 32, 23)` looks like.

```
.text, #text, p{  
    color:rgb(53, 32, 23)  
}
```

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(53, 32, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 32, 23) }
```

Border

The CSS property to change the border of an element to YUV 37.2530, -7.0267, 13.8101 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(53, 32, 23) }
```


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

```
.border{ border-color:rgb(53, 32, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 32, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 32, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 32, 23);  
box-shadow:4px 4px 4px 4px rgb(53, 32, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.2530, -7.0267, 13.8101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 32, 23) }
```

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

```
.background{ background-color: rgb(53, 32,  
23) }
```

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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