

Converting Colors

YUV(38.2870, -11.9735,
13.7803)

Have a look what the booklet for
YUV(38.2870, -11.9735, 13.7803)
contains.

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Color

**YUV(38.2870, -11.9735,
13.7803)**

Conversions

Conversions Part 1

Format	Color
Hex	36230E
RGB	54, 35, 14
RGB Percent	21%, 14%, 5%
CMY	0.7882, 0.8627, 0.9451
CMYK	0.00, 0.35, 0.74, 0.79
HSL	32°, 59%, 13%
HSV	32°, 74%, 21%
XYZ	2.2016, 2.0180, 0.6889
YIQ	38.2870, 18.0650, -2.5030

Conversions

Conversions Part 2

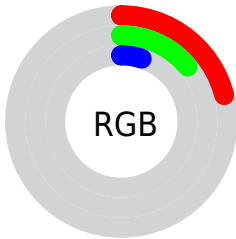
Format	Color
R_{YB}	50, 54, 14
Decimal	3547918
CIE _{Lab}	15.58, 6.40, 17.01
CIE _{LCh}	16, 18.175, 69.377
Yxy	2.0180, 0.4485, 0.4111
Android (android.graphics.Color)	4281737998 (0xFF36230E)
YUV	38.2870, -11.9735, 13.7803
Hunter-Lab	14.2058, 2.8039, 7.0686

Details

The YUV color **38.2870, -11.9735, 13.7803** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **29.7130, 11.9735, -13.7803**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.6680, -13.1473, 16.9542**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.9560, -13.2893, 15.8246**, and if you desaturate by 10%, it is **40.6180, -10.6577, 11.7360**.

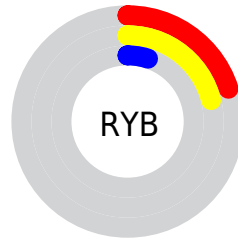
Distribution



Red (21%)

Green (14%)

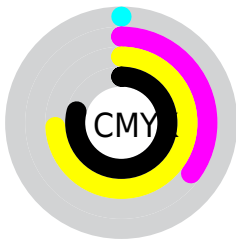
Blue (5%)



Red (20%)

Yellow (21%)

Blue (5%)

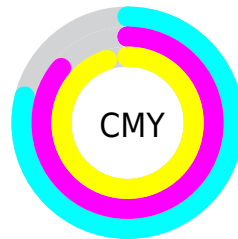


Cyan (0%)

Magenta (35%)

Yellow (74%)

Black (79%)



Cyan (79%)

Magenta (86%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.2870, -11.9735, 13.7803 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 38.2870, -11.9735, 13.7803 by changing the saturation by 10% instead.

■ 38.2870, -11.9735,
13.7803

■ 38.2870, -11.9735,
13.7803

■ 253.0620, -7.4256,
1.6996

■ 17.7860, -8.7685,
12.4657

■ 83.6680, -13.1473,
16.9542

■ 0.0000, 0.0000,
0.0000

■ 107.8530,
-13.7315, 17.6689

■ 133.3370,
-14.4631, 18.9985

■ 159.5220,
-15.0473, 19.7132

■ 186.7070,
-15.6316, 20.4280

■ 214.8920,

-16.2158, 21.1427

■ 239.3040,
-14.4469, 13.7654

■ 38.2870, -11.9735,
13.7803

■ 38.2870, -11.9735,
13.7803

■ 35.9560, -13.2893,
15.8246

■ 40.6180, -10.6577,
11.7360

■ 34.0980, -15.3313,
17.4541

■ 42.4760, -8.6157,
10.1065

■ 32.5820, -16.0629,
18.7836

■ 44.8070, -7.2999,
8.0623

■ 46.6650, -5.2578,
6.4328

■ 48.9960, -3.9420,
4.3885

■ 50.7400, -2.3368,
2.8590

■ 53.1850, -0.5842,
0.7148

■ 55.5160, 0.7316,
-1.3295

■ 57.3740, 2.7736,
-2.9590

Harmonies

Analogous

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



39.0580, -7.9166, 19.2431



38.2870, -11.9735, 13.7803



37.0040, -12.8200, 5.2585

Triad

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



38.2870, -11.9735, 13.7803



31.3170, 5.7597, -27.4650



40.1390, 9.2985, 4.2631

Complementary

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



38.2870, -11.9735, 13.7803



29.7130, 11.9735, -13.7803

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.



37.6640, 12.9836, -11.1063



38.2870, -11.9735, 13.7803



32.6850, 11.0013, -28.6647

Square

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



38.2870, -11.9735, 13.7803



32.7110, -1.8295, -19.9175



32.4230, 15.0745, -28.4350



40.4240, 3.7350, 15.4142

Rectangle

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



38.2870, -11.9735, 13.7803



36.5300, -10.6143, -2.2188



32.4230, 15.0745, -28.4350



39.7470, 10.4777, -0.6551

Sweetspot

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



38.2870, -11.9735, 13.7803



65.1810, -4.5262, 5.1033



28.1260, 2.4029, 22.6915



31.9250, -2.9210, 3.5738



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.



38.2870, -11.9735, 13.7803



46.2080, -18.8365, 21.7426



49.1410, -17.3245, 3.3843



27.0710, -1.0210, 0.8147



55.6840, -27.4522, 31.8491



132.9860, -65.5621, 75.4343

Inverse Universe

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



29.7130, 11.9735, -13.7803



32.7920, 18.8365, -21.7426



18.8590, 17.3245, -3.3843



26.5160, 0.7316, -1.3295



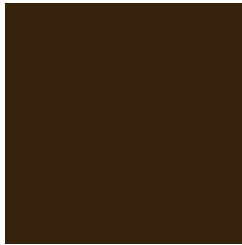
36.3160, 27.4522, -31.8491



86.0140, 65.5621, -75.4343

Previews

White Background



This preview shows how the YUV color 38.2870, -11.9735, 13.7803 looks on a white background.

Color Contrast Check

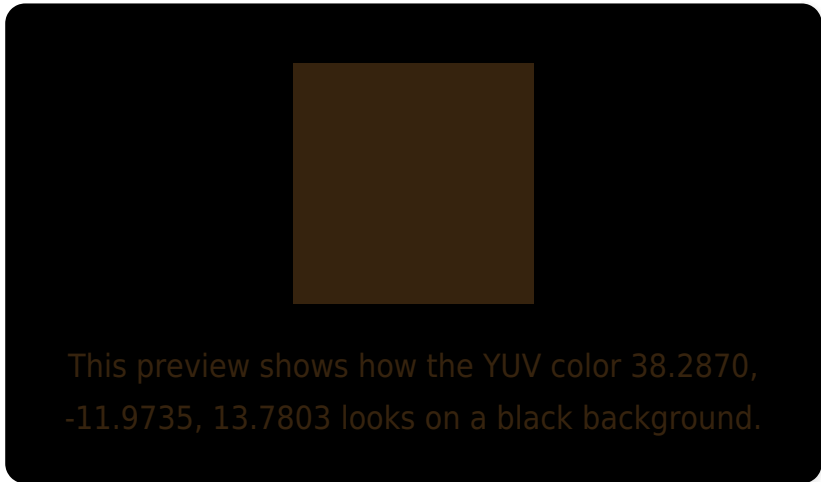
Large Text (above 18pt) WCAG AA ✓ Pass

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

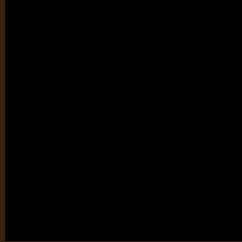
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.2870, -11.9735, 13.7803

Background



This preview shows how black text looks on a background with the YUV color 38.2870, -11.9735, 13.7803.

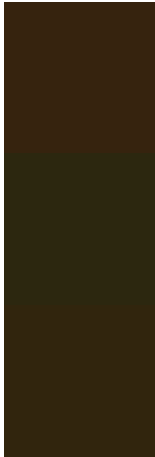


This preview shows how white text looks on a background with the YUV color 38.2870, -11.9735,

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

38.2870, -11.9735, 13.7803

Protanopia

37.7590, -11.2202, 5.4734

Deuteranopia

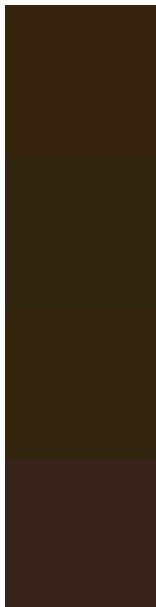
37.8520, -12.2520, 9.7768



Tritanopia

39.8060, -2.3694, 13.3251

Trichromacy



Original Color

38.2870, -11.9735, 13.7803

Protanomaly

38.3680, -11.5204, 8.4473

Deuteranomaly

37.8630, -12.2575, 11.5211

Tritanomaly

39.4810, -6.1531, 13.6102

Monochromacy



Original Color

38.2870, -11.9735, 13.7803

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.1810, -4.5262, 5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2870, -11.9735, 13.7803 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(54, 35, 14)` looks like.

```
.text, #text, p{  
    color:rgb(54, 35, 14)  
}
```

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(54, 35, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 35, 14) }
```

Border

The CSS property to change the border of an element to YUV 38.2870, -11.9735, 13.7803 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(54, 35, 14) }
```


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

```
.border{ border-color:rgb(54, 35, 14) }
```

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

Here you see how a box with a 4 pixel rgb(54, 35, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 35, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 35, 14);  
box-shadow:4px 4px 4px 4px rgb(54, 35, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.2870, -11.9735, 13.7803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 35, 14) }
```

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

```
.background{ background-color: rgb(54, 35,  
14) }
```

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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