

Converting Colors

YUV(36.2870, -11.9735,
13.7803)

Have a look what the booklet for
YUV(36.2870, -11.9735, 13.7803)
contains.

YUV(36.2870, -11.9735, 13.7803)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(36.2870, -11.9735,
13.7803)**

Conversions

Conversions Part 1

Format	Color
Hex	34210C
RGB	52, 33, 12
RGB Percent	20%, 13%, 5%
CMY	0.7961, 0.8706, 0.9529
CMYK	0.00, 0.37, 0.77, 0.80
HSL	32°, 62%, 13%
HSV	32°, 77%, 20%
XYZ	2.0264, 1.8443, 0.5970
YIQ	36.2870, 18.0650, -2.5030

Conversions

Conversions Part 2

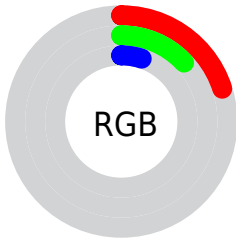
Format	Color
RYB	48, 52, 12
Decimal	3416332
CIELab	14.65, 6.54, 16.72
CIELCh	15, 17.950, 68.635
Yxy	1.8443, 0.4536, 0.4128
Android (android.graphics.Color)	4281606412 (0xFF34210C)
YUV	36.2870, -11.9735, 13.7803
Hunter-Lab	13.5806, 2.8684, 6.9000

Details

The YUV color **36.2870, -11.9735, 13.7803** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **27.7130, 11.9735, -13.7803**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.3690, -12.9999, 16.3394**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.5430, -13.5787, 15.3098**, and if you desaturate by 10%, it is **38.0310, -10.3683, 12.2508**.

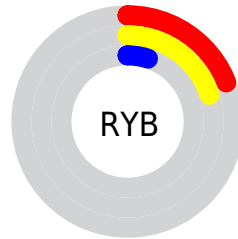
Distribution



Red (20%)

Green (13%)

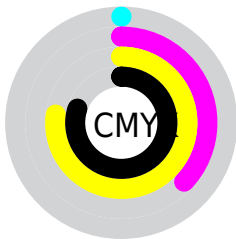
Blue (5%)



Red (19%)

Yellow (20%)

Blue (5%)

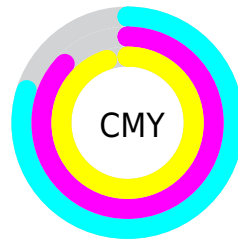


Cyan (0%)

Magenta (37%)

Yellow (77%)

Black (80%)



Cyan (80%)

Magenta (87%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.2870, -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 36.2870, -11.9735, 13.7803 by changing the saturation by 10% instead.

■ 36.2870, -11.9735,
13.7803

■ 36.2870, -11.9735,
13.7803

■ 252.8340, -8.2992,
1.8996

■ 15.4270, -7.6055,
12.7805

■ 81.3690, -12.9999,
16.3394

■ 0.0000, 0.0000,
0.0000

■ 105.8530,
-13.7315, 17.6689

■ 131.0380,
-14.3157, 18.3837

■ 157.5220,
-15.0473, 19.7132

■ 184.4080,
-15.4841, 19.8132

■ 212.0060,

-15.7790, 21.0427

■ 237.3150,
-14.4523, 15.5097

■ 36.2870, -11.9735,
13.7803

■ 36.2870, -11.9735,
13.7803

■ 34.5430, -13.5787,
15.3098

■ 38.0310, -10.3683,
12.2508

■ 32.2120, -14.8945,
17.3541

■ 40.3620, -9.0525,
10.2065

■ 31.3970, -15.4787,
18.0688

■ 42.2200, -7.0105,
8.5771

■ 44.5510, -5.6946,
6.5328

■ 46.2950, -4.0894,
5.0033

■ 48.6260, -2.7736,
2.9590

■ 50.3700, -1.1684,
1.4295

■ 52.8150, 0.5842,
-0.7148

■ 54.5590, 2.1894,
-2.2442

Harmonies

Analogous

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



37.1720, -7.4798, 19.1432



36.2870, -11.9735, 13.7803



35.0040, -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.



36.2870, -11.9735, 13.7803



29.8010, 5.0281, -26.1355



38.1390, 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.



36.2870, -11.9735, 13.7803



27.7130, 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.



35.3650, 13.1311, -11.7211



36.2870, -11.9735, 13.7803



31.1690, 10.2697, -27.3352

Square

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



36.2870, -11.9735, 13.7803



31.0100, -1.9769, -19.3028



30.9070, 14.3428, -27.1054



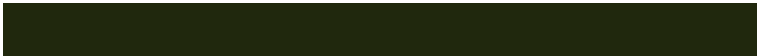
38.1250, 3.8824, 14.7994

Rectangle

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



36.2870, -11.9735, 13.7803



34.5300, -10.6143, -2.2188



30.9070, 14.3428, -27.1054



37.7470, 10.4777, -0.6551

Sweetspot

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



36.2870, -11.9735, 13.7803



62.4800, -4.6736, 5.7180



26.1260, 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.



36.2870, -11.9735, 13.7803



44.2080, -18.8365, 21.7426



47.1410, -17.3245, 3.3843



24.4840, -0.7316, 1.3295



54.2000, -26.7206, 30.5196



131.8010, -64.9779, 74.7195

Inverse Universe

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



27.7130, 11.9735, -13.7803



30.7920, 18.8365, -21.7426



16.8590, 17.3245, -3.3843



23.9290, 1.0210, -0.8147



34.8000, 26.7206, -30.5196



85.1990, 64.9779, -74.7195

Previews

White Background



This preview shows how the YUV color 36.2870, -11.9735, 13.7803 looks on a white background.

Color Contrast Check

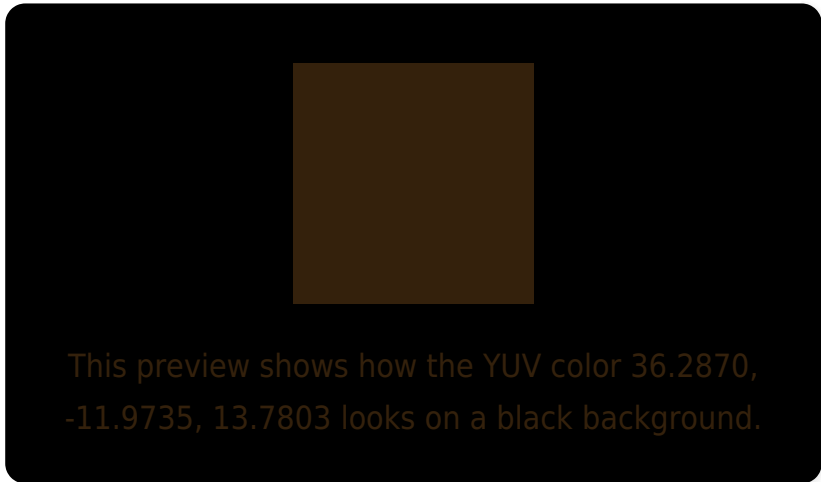
Large Text (above 18pt) WCAG AA ✓ Pass

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

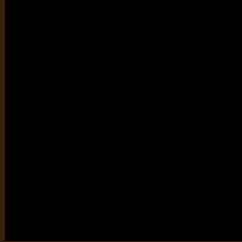
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.2870, -11.9735, 13.7803

Background



This preview shows how black text looks on a background with the YUV color 36.2870, -11.9735, 13.7803.

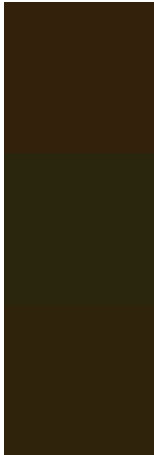


This preview shows how white text looks on a background with the YUV color 36.2870, -11.9735,

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

36.2870, -11.9735, 13.7803

Protanopia

35.7590, -11.2202, 5.4734

Deuteranopia

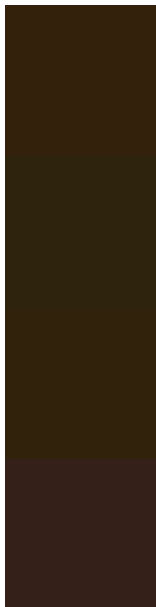
36.4390, -12.5414, 9.2620



Tritanopia

37.8060, -2.3694, 13.3251

Trichromacy



Original Color

36.2870, -11.9735, 13.7803

Protanomaly

36.3680, -11.5204, 8.4473

Deuteranomaly

36.4500, -12.5468, 11.0064

Tritanomaly

37.4810, -6.1531, 13.6102

Monochromacy



Original Color

36.2870, -11.9735, 13.7803

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.1810, -4.5262, 5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.2870, -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(52, 33, 12)` looks like.

```
.text, #text, p{  
    color:rgb(52, 33, 12)  
}
```

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(52, 33, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 33, 12) }
```

Border

The CSS property to change the border of an element to YUV 36.2870, -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(52, 33, 12) }
```


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

```
.border{ border-color:rgb(52, 33, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 33, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 33, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 33, 12);  
box-shadow:4px 4px 4px 4px rgb(52, 33, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.2870, -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(52, 33, 12) }
```

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

```
.background{ background-color: rgb(52, 33,  
12) }
```

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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