

Converting Colors

YUV(35.7370, -11.2093, 1.9847)

Have a look what the booklet for
YUV(35.7370, -11.2093, 1.9847)
contains.

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Color

**YUV(35.7370, -11.2093,
1.9847)**

Conversions

Conversions Part 1

Format	Color
Hex	26270D
RGB	38, 39, 13
RGB Percent	15%, 15%, 5%
CMY	0.8510, 0.8471, 0.9490
CMYK	0.03, 0.00, 0.67, 0.85
HSL	62°, 50%, 10%
HSV	62°, 67%, 15%
XYZ	1.5975, 1.8922, 0.6618
YIQ	35.7370, 7.7500, -8.2980

Conversions

Conversions Part 2

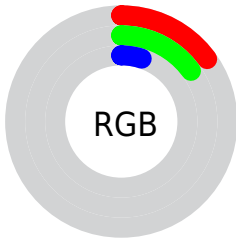
Format	Color
R_{YB}	13, 39, 14
Decimal	2500365
CIE Lab	14.91, -5.16, 16.24
CIE LCh	15, 17.042, 107.623
Yxy	1.8922, 0.3848, 0.4558
Android (android.graphics.Color)	4280690445 (0xFF26270D)
YUV	35.7370, -11.2093, 1.9847
Hunter-Lab	13.7556, -3.3424, 6.7764

Details

The YUV color **35.7370, -11.2093, 1.9847** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.2630, 11.2093, -1.9847**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.8080, -12.2303, 2.7994**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.2810, -12.9565, 2.3846**, and if you desaturate by 10%, it is **36.1930, -9.4621, 1.5847**.

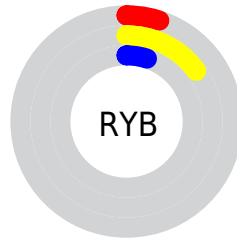
Distribution



Red (15%)

Green (15%)

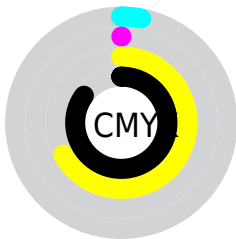
Blue (5%)



Red (5%)

Yellow (15%)

Blue (5%)

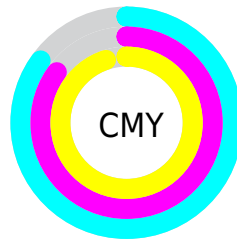


Cyan (3%)

Magenta (0%)

Yellow (67%)

Black (85%)



Cyan (85%)

Magenta (85%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.7370, -11.2093, 1.9847 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 35.7370, -11.2093, 1.9847 by changing the saturation by 10% instead.

■ 35.7370, -11.2093,
1.9847

■ 35.7370, -11.2093,
1.9847

■ 252.9480, -7.8624,
1.7996

■ 15.3390, -7.5621,
-1.1743

■ 80.8080, -12.2303,
2.7994

■ 0.0000, 0.0000,
0.0000

■ 104.6940,
-12.6671, 2.8994

■ 129.8790,
-13.2513, 3.6141

■ 155.7650,
-13.6881, 3.7141

■ 182.6510,
-14.1249, 3.8141

■ 210.5370,

-14.5617, 3.9141

■ 238.5370,
-14.5617, 3.9141

■ 35.7370, -11.2093,
1.9847

■ 35.7370, -11.2093,
1.9847

■ 35.2810, -12.9565,
2.3846

■ 36.1930, -9.4621,
1.5847

■ 34.8250, -14.7037,
2.7845

■ 36.6490, -7.7150,
1.1848

■ 34.3690, -16.4509,
3.1844

■ 37.1050, -5.9678,
0.7849

■ 34.2550, -16.8877,
3.2844

■ 37.8600, -4.3680,
0.9998

■ 38.3160, -2.6208,
0.5999

■ 38.6580, -1.3104,
0.2999

■ 39.1140, 0.4368,
-0.1000

■ 39.5700, 2.1840,
-0.4999

■ 40.0260, 3.9312,
-0.8998

Harmonies

Analogous

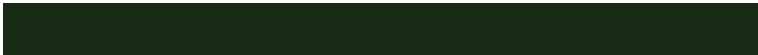
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.6780, -11.6733, 10.8064



35.7370, -11.2093, 1.9847



34.2240, -6.5194, -8.9664

Triad

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



35.7370, -11.2093, 1.9847



31.5110, 11.5801, -27.6351



38.3810, 2.2772, 16.3289

Complementary

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



35.7370, -11.2093, 1.9847



16.2630, 11.2093, -1.9847

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.



38.9930, 7.3985, 7.0221



35.7370, -11.2093, 1.9847



31.6300, 14.4794, -24.2315

Square

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



35.7370, -11.2093, 1.9847



30.8440, 6.4859, -27.0502



37.2410, 11.2202, -5.4734



37.9100, -3.4066, 19.3729

Rectangle

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



35.7370, -11.2093, 1.9847



32.3200, -2.1298, -16.9436



37.2410, 11.2202, -5.4734



38.8260, 4.0298, 14.1846

Sweetspot

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



35.7370, -11.2093, 1.9847



49.8600, -4.3680, 0.9998



21.3610, -4.1220, 15.4694



24.9030, -2.9102, 0.0851



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



35.7370, -11.2093, 1.9847



45.7280, -17.6139, 2.8695



31.8500, -9.2930, -6.0074



19.7720, -0.8736, 0.2000



73.5270, -36.2488, 6.5538



185.4400, -91.4219, 16.2771

Inverse Universe

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



16.2630, 11.2093, -1.9847



15.2720, 17.6139, -2.8695



20.1500, 9.2931, 6.0075



18.2280, 0.8736, -0.2000



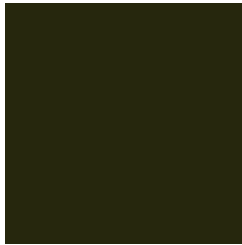
10.4730, 36.2488, -6.5538



26.5600, 91.4219, -16.2771

Previews

White Background



This preview shows how the YUV color 35.7370, -11.2093, 1.9847 looks on a white background.

Color Contrast Check

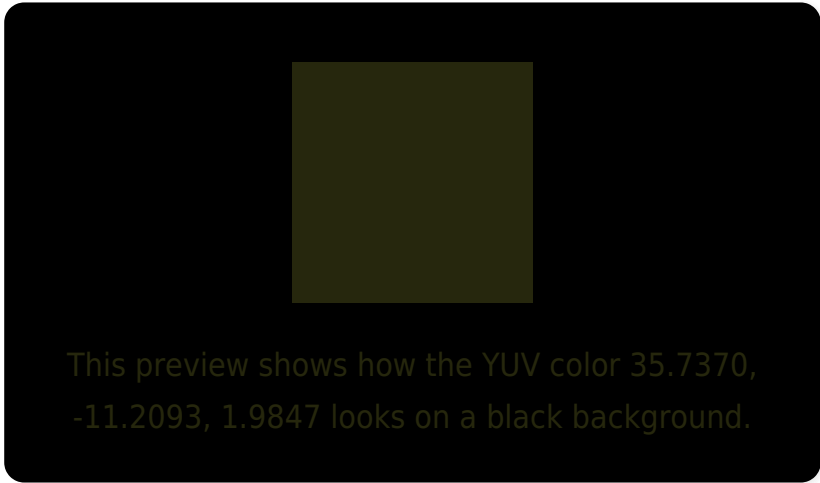
Large Text (above 18pt) WCAG AA ✓ Pass

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

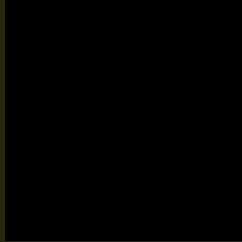
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.7370, -11.2093, 1.9847

Background



This preview shows how black text looks on a background with the YUV color 35.7370, -11.2093, 1.9847.

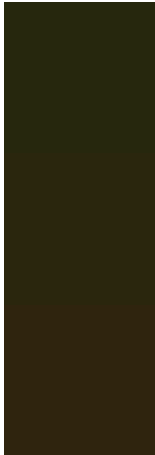


This preview shows how white text looks on a background with the YUV color 35.7370, -11.2093,

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

35.7370, -11.2093, 1.9847

Protanopia

36.3460, -11.5096, 4.9586

Deuteranopia

36.7810, -11.2310, 8.9621



Tritanopia

37.5380, 0.7208, 2.1592

Trichromacy



Original Color

35.7370, -11.2093, 1.9847

Protanomaly

36.0470, -11.3622, 4.3438

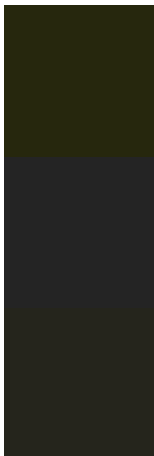
Deuteranomaly

36.4710, -11.0782, 6.6029

Tritanomaly

36.8000, -3.3524, 1.9294

Monochromacy



Original Color

35.7370, -11.2093, 1.9847

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.9740, -3.9312, 0.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.7370, -11.2093, 1.9847 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(38, 39, 13)` looks like.

```
.text, #text, p{  
    color:rgb(38, 39, 13)  
}
```

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(38, 39, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 39, 13) }
```

Border

The CSS property to change the border of an element to YUV 35.7370, -11.2093, 1.9847 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(38, 39, 13) }
```


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

```
.border{ border-color:rgb(38, 39, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 39, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 39, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 39, 13);  
box-shadow:4px 4px 4px 4px rgb(38, 39, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.7370, -11.2093, 1.9847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 39, 13) }
```

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

```
.background{ background-color: rgb(38, 39,  
13) }
```

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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