

# Converting Colors

YUV(35.5270, -12.5848,  
23.2168)

Have a look what the booklet for  
YUV(35.5270, -12.5848, 23.2168)  
contains.

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# Color

**YUV(35.5270, -12.5848,  
23.2168)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E1B0A
RGB	62, 27, 10
RGB Percent	24%, 11%, 4%
CMY	0.7569, 0.8941, 0.9608
CMYK	0.00, 0.56, 0.84, 0.76
HSL	20°, 72%, 14%
HSV	20°, 84%, 24%
XYZ	2.4333, 1.8299, 0.5121
YIQ	35.5270, 26.3170, 2.1330

# Conversions

## Conversions Part 2

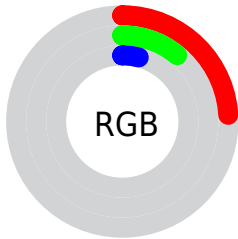
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	62, 35, 10
Decimal	4070154
CIE <sub>Lab</sub>	14.57, 15.60, 17.79
CIE <sub>LCh</sub>	15, 23.666, 48.748
Yxy	1.8299, 0.5096, 0.3832
Android (android.graphics.Color)	4282260234 (0xFF3E1B0A)
YUV	35.5270, -12.5848, 23.2168
Hunter-Lab	13.5274, 8.4357, 7.2246

# Details

The YUV color **35.5270, -12.5848, 23.2168** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **36.4730, 12.5848, -23.2168**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.6200, -13.6167, 27.5203**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.4950, -14.0480, 25.8759**, and if you desaturate by 10%, it is **38.5590, -11.1216, 20.5578**.

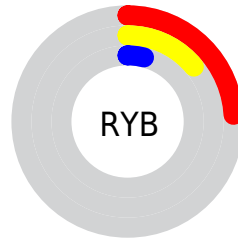
# Distribution



 Red (24%)

 Green (11%)

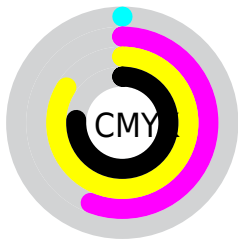
 Blue (4%)



 Red (24%)

 Yellow (14%)

 Blue (4%)

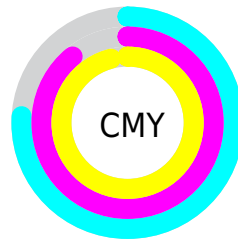


 Cyan (0%)

 Magenta (56%)

 Yellow (84%)

 Black (76%)



 Cyan (76%)

 Magenta (89%)

 Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 35.5270, -12.5848, 23.2168 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 35.5270, -12.5848, 23.2168 by changing the saturation by 10% instead.



■ 35.5270, -12.5848,  
23.2168

■ 35.5270, -12.5848,  
23.2168

■ 252.6060, -9.1728,  
2.0995

■ 14.0090, -6.9064,  
21.9171

■ 81.6200, -13.6167,  
27.5203

■ 0.0000, 0.0000,  
0.0000

■ 106.1040,  
-14.3483, 28.8498


■ 131.5880,  
-15.0799, 30.1793


■ 158.0720,  
-15.8115, 31.5089


■ 184.9690,  
-16.2537, 33.3532


■ 213.0400,


-17.2747, 34.1679


 233.5650,  
-13.5895, 18.7985


 35.5270, -12.5848,  
23.2168


 35.5270, -12.5848,  
23.2168


 32.4950, -14.0480,  
25.8759


 38.5590, -11.1216,  
20.5578

 30.2780, -14.9271,  
27.8202

 41.5910, -9.6584,  
17.8987

 45.3240, -8.0477,  
14.6249

 48.3560, -6.5845,  
11.9658

 51.3880, -5.1213,  
9.3067

■ 54.4200, -3.6581,  
6.6477

■ 57.4520, -2.1948,  
3.9886

■ 60.5980, -0.2948,  
1.2296

■ 64.2170, 0.8790,  
-1.9443

# Harmonies

## Analogous

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



36.0250, -4.4493, 27.1651



35.5270, -12.5848, 23.2168



35.2070, -17.3571, 13.8505

# Triad

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



35.5270, -12.5848, 23.2168



29.2480, 0.3707, -25.6505



35.7720, 15.8884, -9.4470

# Complementary

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



35.5270, -12.5848, 23.2168



36.4730, 12.5848, -23.2168

# 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.



31.3460, 18.5634, -27.4904



35.5270, -12.5848, 23.2168



31.7730, 7.5069, -27.8649

# Square

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



35.5270, -12.5848, 23.2168



31.5070, -9.1240, -13.5996



32.7820, 13.9115, -28.7498



38.4110, 10.1504, 11.0406



# Rectangle

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



35.5270, -12.5848, 23.2168



34.2770, -16.8986, 6.7731



32.7820, 13.9115, -28.7498



32.6890, 18.3943, -19.8983

# Sweetspot

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



35.5270, -12.5848, 23.2168



71.3880, -5.1213, 9.3067



29.6520, 8.0596, 28.3692



34.9360, -2.9264, 5.3181



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000



# Same Dimension

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



35.5270, -12.5848, 23.2168



40.3670, -19.9009, 36.5121



50.2020, -19.8196, 10.3468



29.4840, -0.7316, 1.3295



46.3030, -22.8274, 41.8303



109.2290, -53.8499, 98.9002



# Inverse Universe

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



36.4730, 12.5848, -23.2168



41.6330, 19.9009, -36.5121



21.7980, 19.8196, -10.3468



29.5160, 0.7316, -1.3295



48.2840, 22.5380, -42.3451

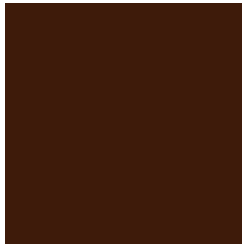


112.7710, 53.8499, -98.9002



# Previews

## White Background



This preview shows how the YUV color 35.5270, -12.5848, 23.2168 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

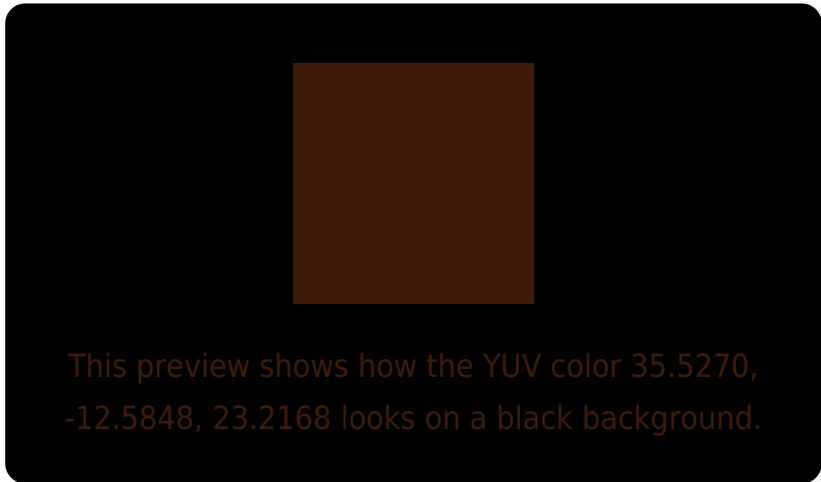
Any Text WCAG AA ✓ Pass

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

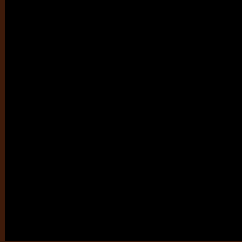
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 35.5270, -12.5848, 23.2168

## Background



This preview shows how black text looks on a background with the YUV color 35.5270, -12.5848, 23.2168.



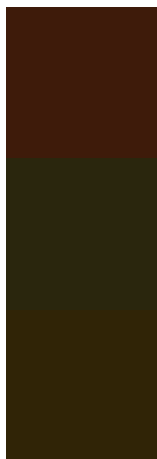
This preview shows how white text looks on a background with the YUV color 35.5270, -12.5848,



# 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

35.5270, -12.5848, 23.2168

### Protanopia

36.3460, -11.5096, 4.9586

### Deuteranopia

36.1680, -14.8728, 10.3767



## Tritanopia

36.5900, -4.7279, 23.1616

# Trichromacy



## Original Color

35.5270, -12.5848, 23.2168

## Protanomaly

35.9770, -11.8207, 11.4212

## Deuteranomaly

36.0160, -14.3049, 14.8950

## Tritanomaly

36.4930, -7.6380, 23.2466

# Monochromacy



## Original Color

35.5270, -12.5848, 23.2168

## Achromatopsia

36.0000, 0.0000, 0.0000

## Achromatomaly

35.9040, -4.3897, 7.9772

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 35.5270, -12.5848, 23.2168 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(62, 27, 10)` looks like.

```
.text, #text, p{  
    color:rgb(62, 27, 10)  
}
```

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(62, 27, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 27, 10) }
```

## Border

The CSS property to change the border of an element to YUV 35.5270, -12.5848, 23.2168 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(62, 27, 10) }
```



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

```
.border{ border-color:rgb(62, 27, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 27, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 27, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 27, 10);  
box-shadow:4px 4px 4px 4px rgb(62, 27, 10)  
}
```

# Background

The CSS property to change the background color of an element to YUV 35.5270, -12.5848, 23.2168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 27, 10) }
```

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

```
.background{ background-color: rgb(62, 27,  
10) }
```

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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