

Converting Colors

YUV(42.3650, -13.4909,
33.8829)

Have a look what the booklet for
YUV(42.3650, -13.4909, 33.8829)
contains.

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Color

**YUV(42.3650, -13.4909,
33.8829)**

Conversions

Conversions Part 1

Format	Color
Hex	511C0F
RGB	81, 28, 15
RGB Percent	32%, 11%, 6%
CMY	0.6824, 0.8902, 0.9412
CMYK	0.00, 0.65, 0.81, 0.68
HSL	12°, 69%, 19%
HSV	12°, 81%, 32%
XYZ	3.8948, 2.6143, 0.7513
YIQ	42.3650, 35.7610, 7.1930

Conversions

Conversions Part 2

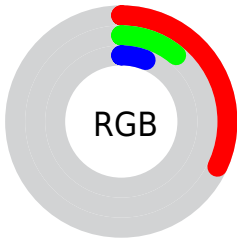
Format	Color
RYB	81, 31, 15
Decimal	5315599
CIELab	18.43, 23.98, 21.03
CIElCh	18, 31.895, 41.242
Yxy	2.6143, 0.5364, 0.3601
Android (android.graphics.Color)	4283505679 (0xFF511C0F)
YUV	42.3650, -13.4909, 33.8829
Hunter-Lab	16.1689, 14.7022, 8.5634

Details

The YUV color **42.3650, -13.4909, 33.8829** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **53.6350, 13.4909, -33.8829**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.4150, -15.9806, 39.1010**, and **9.3830, -4.1328, 18.9581** is the 20% darker color. If you saturate the color by 10%, you get **37.3440, -14.9596, 38.2863**, and if you desaturate by 10%, it is **47.3860, -12.0223, 29.4795**.

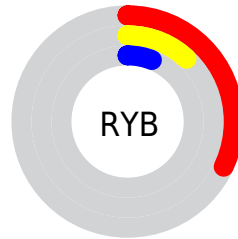
Distribution



Red (32%)

Green (11%)

Blue (6%)



Red (32%)

Yellow (12%)

Blue (6%)

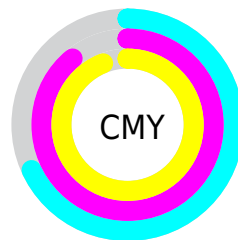


Cyan (0%)

Magenta (65%)

Yellow (81%)

Black (68%)



Cyan (68%)

Magenta (89%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.3650, -13.4909, 33.8829 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 42.3650, -13.4909, 33.8829 by changing the saturation by 10% instead.

■ 42.3650, -13.4909,
33.8829

■ 42.3650, -13.4909,
33.8829

■ 253.1760, -6.9888,
1.5996

■ 19.6790, -9.7017,
31.8535

■ 90.4150, -15.9806,
39.1010

■ 9.3830, -4.1328,
18.9581

■ 115.1980,
-16.8596, 41.0454

■ 0.0000, 0.0000,
0.0000


■ 141.8670,
-18.1754, 43.0896


■ 168.6500,
-19.0544, 45.0340


■ 196.1340,
-19.7861, 46.3635


■ 216.8550,


-16.6905, 33.4532


 237.0700,
-12.8525, 15.7246


 42.3650, -13.4909,
33.8829


 42.3650, -13.4909,
33.8829


 37.3440, -14.9596,
38.2863


 47.3860, -12.0223,
29.4795

 33.6110, -16.5702,
41.5602

 51.8200, -10.2643,
25.5909

 56.8410, -8.7956,
21.1874

 61.2750, -7.0376,
17.2988

 66.2960, -5.5689,
12.8954

■ 70.8440, -3.3741,
8.9068

■ 75.8650, -1.9054,
4.5034

■ 80.2990, -0.1474,
0.6148

■ 85.3200, 1.3212,
-3.7886

Harmonies

Analogous

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



41.6720, -2.3033, 38.8757



42.3650, -13.4909, 33.8829



42.6380, -21.0205, 22.2425

Triad

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



42.3650, -13.4909, 33.8829



35.0040, -2.9600, -30.6985



36.9740, 26.1418, -31.5492

Complementary

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



42.3650, -13.4909, 33.8829



53.6350, 13.4909, -33.8829

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.



40.0830, 24.1161, -35.1528



42.3650, -13.4909, 33.8829



38.3270, 7.2338, -33.6128

Square

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



42.3650, -13.4909, 33.8829



37.5580, -16.5441, -13.6444



40.8350, 16.8433, -35.8123



46.7080, 16.4130, 9.0261

Rectangle

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



42.3650, -13.4909, 33.8829



42.5720, -20.9880, 11.7764



40.8350, 16.8433, -35.8123



37.9630, 26.1472, -33.2936

Sweetspot

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



42.3650, -13.4909, 33.8829



89.7090, -5.2795, 13.4102



40.8900, 13.8582, 35.1765



44.5450, -3.2267, 8.2920



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



42.3650, -13.4909, 33.8829



44.5370, -20.9707, 53.0261



61.1490, -22.7515, 17.4093



38.7830, -0.8790, 1.9443



43.7220, -21.5549, 53.7408



96.3700, -47.5104, 118.9475

Inverse Universe

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



53.6350, 13.4909, -33.8829



61.8760, 21.2601, -52.5113



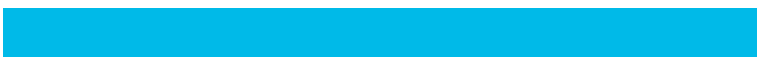
34.8510, 22.7515, -17.4093



39.2170, 0.8790, -1.9443



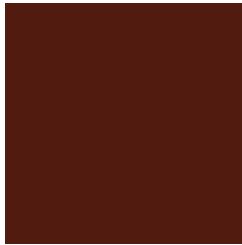
61.2780, 21.5549, -53.7408



135.6300, 47.5104, -118.9475

Previews

White Background



This preview shows how the YUV color 42.3650, -13.4909, 33.8829 looks on a white background.

Color Contrast Check

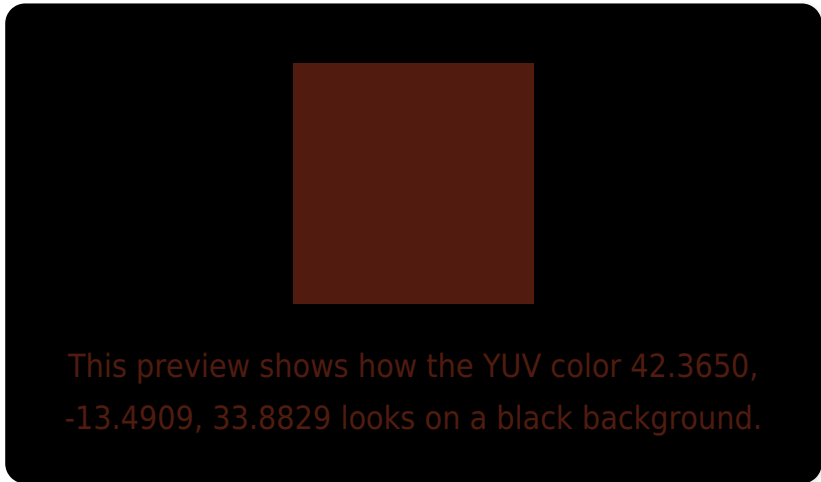
Large Text (above 18pt) WCAG AA ✓ Pass

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

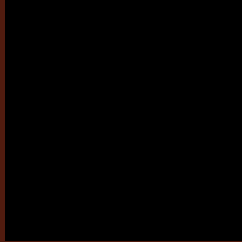
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.3650, -13.4909, 33.8829

Background



This preview shows how black text looks on a background with the YUV color 42.3650, -13.4909, 33.8829.

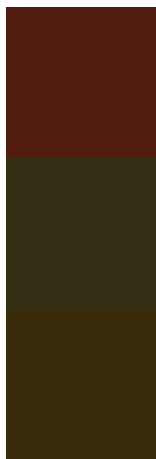


This preview shows how white text looks on a background with the YUV color 42.3650, -13.4909,

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

42.3650, -13.4909, 33.8829

Protanopia

44.5310, -12.0938, 5.6733

Deuteranopia

44.3100, -16.9148, 12.0061



Tritanopia

43.2600, -7.5232, 33.0980

Trichromacy



Original Color

42.3650, -13.4909, 33.8829

Protanomaly

43.4830, -12.5631, 16.2394

Deuteranomaly

43.4080, -15.4841, 19.8132

Tritanomaly

42.6900, -9.7072, 33.5979

Monochromacy



Original Color

42.3650, -13.4909, 33.8829

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.1110, -4.9847, 12.1807

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.3650, -13.4909, 33.8829 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(81, 28, 15)` looks like.

```
.text, #text, p{  
    color:rgb(81, 28, 15)  
}
```

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(81, 28, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 28, 15) }
```

Border

The CSS property to change the border of an element to YUV 42.3650, -13.4909, 33.8829 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(81, 28, 15) }
```


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

```
.border{ border-color:rgb(81, 28, 15) }
```

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

Here you see how a box with a 4 pixel rgb(81, 28, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 28, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 28, 15);  
box-shadow:4px 4px 4px 4px rgb(81, 28, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.3650, -13.4909, 33.8829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 28, 15) }
```

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

```
.background{ background-color: rgb(81, 28,  
15) }
```

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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