

Converting Colors

YUV(33.0450, -14.8122,
37.6715)

Have a look what the booklet for
YUV(33.0450, -14.8122, 37.6715)
contains.

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Color

**YUV(33.0450, -14.8122,
37.6715)**

Conversions

Conversions Part 1

Format	Color
Hex	4C1103
RGB	76, 17, 3
RGB Percent	30%, 7%, 1%
CMY	0.7020, 0.9333, 0.9882
CMYK	0.00, 0.78, 0.96, 0.70
HSL	12°, 92%, 15%
HSV	12°, 96%, 30%
XYZ	3.1974, 1.9440, 0.2929
YIQ	33.0450, 39.6580, 8.1540

Conversions

Conversions Part 2

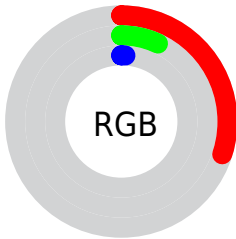
Format	Color
R_{YB}	76, 20, 3
Decimal	4985091
CIE Lab	15.19, 26.97, 22.00
CIE LCh	15, 34.802, 39.212
Yxy	1.9440, 0.5884, 0.3577
Android (android.graphics.Color)	4283175171 (0xFF4C1103)
YUV	33.0450, -14.8122, 37.6715
Hunter-Lab	13.9426, 16.5346, 8.5145

Details

The YUV color **33.0450, -14.8122, 37.6715** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **45.9550, 14.8122, -37.6715**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.0240, -16.2808, 42.0750**, and **4.4850, -2.2111, 9.2217** is the 20% darker color. If you saturate the color by 10%, you get **31.5290, -15.5438, 39.0011**, and if you desaturate by 10%, it is **37.4790, -13.0541, 33.7829**.

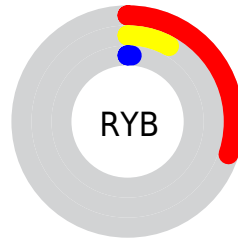
Distribution



Red (30%)

Green (7%)

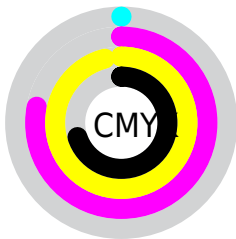
Blue (1%)



Red (30%)

Yellow (8%)

Blue (1%)

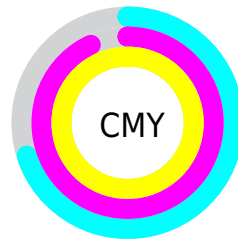


Cyan (0%)

Magenta (78%)

Yellow (96%)

Black (70%)



Cyan (70%)

Magenta (93%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.0450, -14.8122, 37.6715 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 33.0450, -14.8122, 37.6715 by changing the saturation by 10% instead.

■ 33.0450, -14.8122,
37.6715

■ 33.0450, -14.8122,
37.6715

■ 248.9870,
-10.3466, 5.2734

■ 14.9500, -7.3703,
30.7388

■ 82.0240, -16.2808,
42.0750

■ 4.4850, -2.2111,
9.2217

■ 107.1060,
-17.3073, 44.6340

■ 0.0000, 0.0000,
0.0000

■ 132.7750,
-18.6231, 46.6783


■ 159.5580,
-19.5021, 48.6226


■ 187.3410,
-20.3811, 50.5669


■ 209.2580,


-17.8752, 40.1157


 228.7720,
-14.1846, 23.0020


 33.0450, -14.8122,
37.6715


 33.0450, -14.8122,
37.6715


 31.5290, -15.5438,
39.0011

 37.4790, -13.0541,
33.7829

 41.7990, -11.7329,
29.9943

 46.2330, -9.9749,
26.1057

 51.1400, -8.9430,
21.8022

 55.5740, -7.1850,
17.9136

■ 60.0080, -5.4269,
14.0250

■ 64.3280, -4.1057,
10.2363

■ 68.7620, -2.3477,
6.3477

■ 73.0820, -1.0264,
2.5591

Harmonies

Analogous

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



30.5030, 0.7380, 43.4089



33.0450, -14.8122, 37.6715



36.1480, -17.8210, 22.6722

Triad

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



33.0450, -14.8122, 37.6715



30.3420, -5.5916, -26.6099



32.8110, 26.7152, -28.7752

Complementary

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



33.0450, -14.8122, 37.6715



45.9550, 14.8122, -37.6715

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.



35.9910, 23.6684, -31.5641



33.0450, -14.8122, 37.6715



33.8930, 5.4758, -29.7242

Square

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



33.0450, -14.8122, 37.6715



31.1990, -15.3811, -13.3295



36.0420, 16.2483, -31.6088



38.6800, 18.8918, 7.2966

Rectangle

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



33.0450, -14.8122, 37.6715



36.3700, -17.9304, 11.0765



36.0420, 16.2483, -31.6088



34.6860, 26.2838, -30.4196

Sweetspot

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



33.0450, -14.8122, 37.6715



82.3070, -5.5744, 14.6398



31.6670, 15.4472, 38.8800



40.7300, -3.8109, 9.0068



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



33.0450, -14.8122, 37.6715



40.7540, -20.0917, 51.0817



54.1770, -25.2303, 19.1388



35.7830, -0.8790, 1.9443



42.2380, -20.8233, 52.4113



94.5980, -46.6368, 118.7476

Inverse Universe

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



45.9550, 14.8122, -37.6715



58.2460, 20.0917, -51.0817



24.8230, 25.2303, -19.1388



36.8040, 0.5896, -2.4591



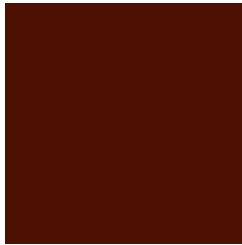
59.7620, 20.8233, -52.4113



134.8150, 46.9262, -118.2328

Previews

White Background



This preview shows how the YUV color 33.0450, -14.8122, 37.6715 looks on a white background.

Color Contrast Check

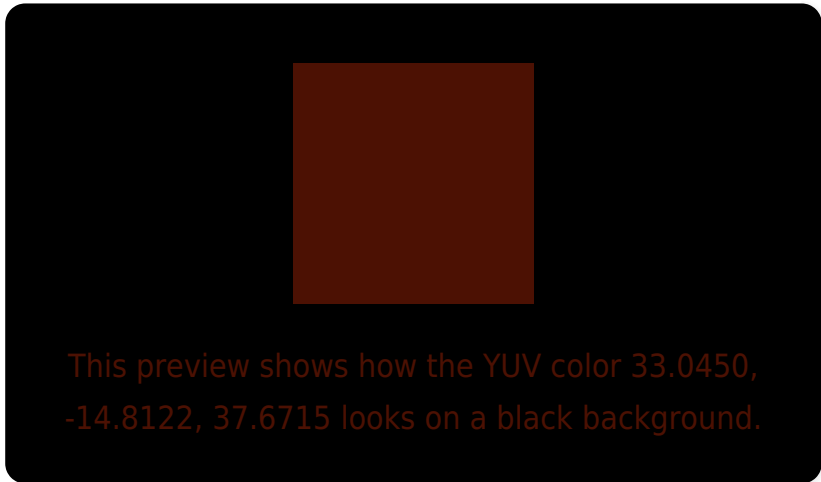
Large Text (above 18pt) WCAG AA ✓ Pass

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

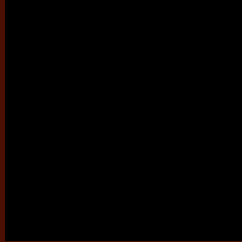
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.0450, -14.8122, 37.6715

Background



This preview shows how black text looks on a background with the YUV color 33.0450, -14.8122, 37.6715.

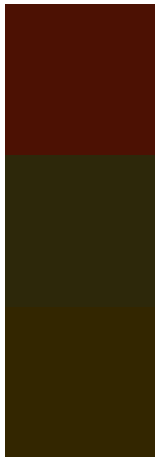


This preview shows how white text looks on a background with the YUV color 33.0450, -14.8122,

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

33.0450, -14.8122, 37.6715

Protanopia

38.0750, -13.8410, 6.0732

Deuteranopia

37.5550, -18.5146, 11.7913



Tritanopia

33.9400, -8.8444, 36.8866

Trichromacy



Original Color

33.0450, -14.8122, 37.6715

Protanomaly

36.3260, -14.4577, 17.2541

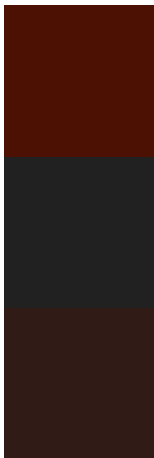
Deuteranomaly

35.6640, -17.0894, 21.3427

Tritanomaly

33.3700, -11.0284, 37.3865

Monochromacy



Original Color

33.0450, -14.8122, 37.6715

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.0080, -5.4269, 14.0250

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.0450, -14.8122, 37.6715 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(76, 17, 3)` looks like.

```
.text, #text, p{  
    color:rgb(76, 17, 3)  
}
```

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(76, 17, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 17, 3) }
```

Border

The CSS property to change the border of an element to YUV 33.0450, -14.8122, 37.6715 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(76, 17, 3) }
```


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

```
.border{ border-color:rgb(76, 17, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 17, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 17, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 17, 3); box-shadow:4px  
4px 4px 4px rgb(76, 17, 3) }
```

Background

The CSS property to change the background color of an element to YUV 33.0450, -14.8122, 37.6715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 17, 3) }
```

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

```
.background{ background-color: rgb(76, 17,  
3) }
```

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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