

Converting Colors

YUV(34.3810, -14.4848,
25.9759)

Have a look what the booklet for
YUV(34.3810, -14.4848, 25.9759)
contains.

| | |
|--|----|
| YUV(34.3810, -14.4848, 25.9759) | 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(34.3810, -14.4848,
25.9759)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 401905 |
| RGB | 64, 25, 5 |
| RGB Percent | 25%, 10%, 2% |
| CMY | 0.7490, 0.9020, 0.9804 |
| CMYK | 0.00, 0.61, 0.92, 0.75 |
| HSL | 20°, 86%, 14% |
| HSV | 20°, 92%, 25% |
| XYZ | 2.4894, 1.7962, 0.3591 |
| YIQ | 34.3810, 29.6640, 2.0480 |

Conversions

Conversions Part 2

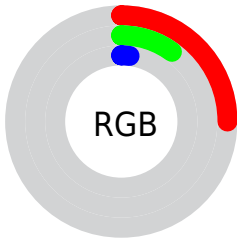
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 64, 35, 5 |
| Decimal | 4200709 |
| CIE Lab | 14.38, 17.54, 19.66 |
| CIE LCh | 14, 26.345, 48.253 |
| Yxy | 1.7962, 0.5360, 0.3867 |
| Android (android.graphics.Color) | 4282390789 (0xFF401905) |
| YUV | 34.3810, -14.4848, 25.9759 |
| Hunter-Lab | 13.4023, 9.7012, 7.7931 |

Details

The YUV color **34.3810, -14.4848, 25.9759** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **34.6190, 14.4848, -25.9759**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.5880, -15.0799, 30.1793**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.0500, -15.8006, 28.0202**, and if you desaturate by 10%, it is **37.4130, -13.0216, 23.3168**.

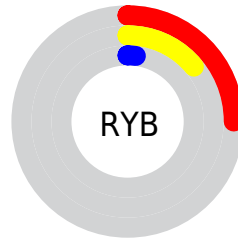
Distribution



Red (25%)

Green (10%)

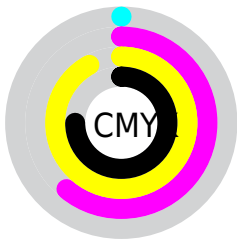
Blue (2%)



Red (25%)

Yellow (14%)

Blue (2%)

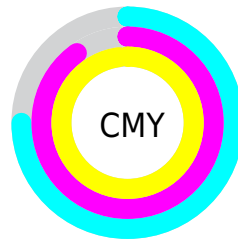


Cyan (0%)

Magenta (61%)

Yellow (92%)

Black (75%)



Cyan (75%)


Magenta (90%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 34.3810, -14.4848, 25.9759 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 34.3810, -14.4848, 25.9759 by changing the saturation by 10% instead.

 34.3810, -14.4848,
25.9759

 34.3810, -14.4848,
25.9759


 252.1500,
-10.9200, 2.4994


 13.1340, -6.4751,
23.5615

 80.5880, -15.0799,
30.1793

 0.0000, 0.0000,
0.0000

 105.3710,
-15.9589, 32.1236


 131.1540,
-16.8379, 34.0679


 157.6380,
-17.5695, 35.3975


 184.2360,
-17.8643, 36.6270


 212.3070,


-18.8854, 37.4418


 231.9350,
-14.7580, 20.2280


 34.3810, -14.4848,
25.9759


 34.3810, -14.4848,
25.9759


 32.0500, -15.8006,
28.0202

 37.4130, -13.0216,
23.3168

 40.5590, -11.1216,
20.5578

 44.1780, -9.9478,
17.3839

 47.3240, -8.0477,
14.6249

 50.3560, -6.5845,
11.9658

■ 53.3880, -5.1213,
9.3067

■ 57.1210, -3.5107,
6.0329

■ 60.1530, -2.0474,
3.3738

■ 63.2990, -0.1474,
0.6148

Harmonies

Analogous

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



34.1610, -4.0234, 30.5538



34.3810, -14.4848, 25.9759



34.9190, -17.2151, 14.9800

Triad

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



34.3810, -14.4848, 25.9759



29.6070, -0.7923, -25.9653



35.0320, 18.2252, -12.3061

Complementary

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



34.3810, -14.4848, 25.9759



34.6190, 14.4848, -25.9759

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.



32.3890, 20.0212, -28.4052



34.3810, -14.4848, 25.9759



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.



34.3810, -14.4848, 25.9759



29.7410, -10.7183, -15.5589



33.1240, 15.2219, -29.0497



37.4650, 11.6028, 11.8702

Rectangle

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



34.3810, -14.4848, 25.9759



34.2770, -16.8986, 6.7731



33.1240, 15.2219, -29.0497



30.0410, 21.1788, -26.3460

Sweetspot

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



34.3810, -14.4848, 25.9759



72.5730, -5.7055, 10.0215



27.0870, 8.3381, 32.3727



36.1210, -3.5107, 6.0329



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



34.3810, -14.4848, 25.9759



42.1390, -20.7745, 36.7121



51.4040, -22.8772, 11.0467



31.4840, -0.7316, 1.3295



48.3740, -23.8484, 42.6450



111.5880, -55.0129, 98.5853

Inverse Universe

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



34.6190, 14.4848, -25.9759



42.4480, 20.4851, -37.2269



17.5960, 22.8772, -11.0467



31.5160, 0.7316, -1.3295



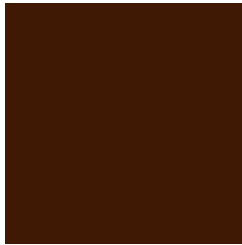
48.6260, 23.8484, -42.6450



112.4120, 55.0129, -98.5853

Previews

White Background



This preview shows how the YUV color 34.3810, -14.4848, 25.9759 looks on a white background.

Color Contrast Check

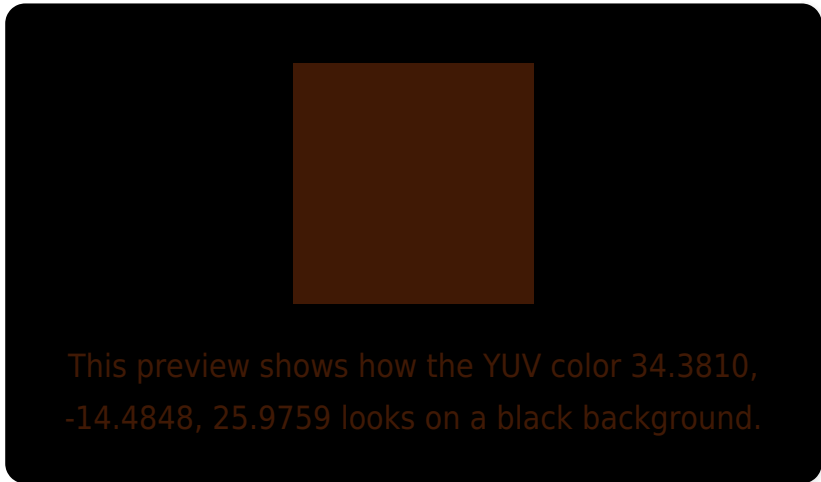
Large Text (above 18pt) WCAG AA ✓ Pass

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

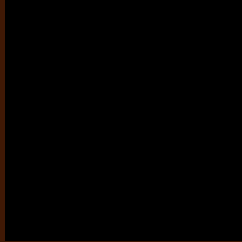
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.3810, -14.4848, 25.9759

Background



This preview shows how black text looks on a background with the YUV color 34.3810, -14.4848, 25.9759.



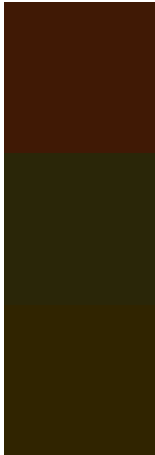
This preview shows how white text looks on a background with the YUV color 34.3810, -14.4848,

25.9759.

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

34.3810, -14.4848, 25.9759

Protanopia

35.7760, -13.6936, 5.4584

Deuteranopia

35.4840, -17.4936, 10.9765



Tritanopia

35.7860, -5.3175, 25.6207

Trichromacy



Original Color

34.3810, -14.4848, 25.9759

Protanomaly

35.1190, -13.8627, 13.0506

Deuteranomaly

35.1580, -16.3469, 16.5244

Tritanomaly

35.5750, -8.6645, 25.8057

Monochromacy



Original Color

34.3810, -14.4848, 25.9759

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.2740, -5.5581, 9.4067

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.3810, -14.4848, 25.9759 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(64, 25, 5)` looks like.

```
.text, #text, p{  
    color:rgb(64, 25, 5)  
}
```

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(64, 25, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 25, 5) }
```

Border

The CSS property to change the border of an element to YUV 34.3810, -14.4848, 25.9759 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(64, 25, 5) }
```


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

```
.border{ border-color:rgb(64, 25, 5) }
```

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

Here you see how a box with a 4 pixel rgb(64, 25, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 25, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(64, 25, 5); box-shadow:4px  
4px 4px 4px rgb(64, 25, 5) }
```

Background

The CSS property to change the background color of an element to YUV 34.3810, -14.4848, 25.9759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 25, 5) }
```

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

```
.background{ background-color: rgb(64, 25,  
5) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor