

Converting Colors

YUV(42.9900, -14.7851,
28.9498)

Have a look what the booklet for
YUV(42.9900, -14.7851, 28.9498)
contains.

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Color

**YUV(42.9900, -14.7851,
28.9498)**

Conversions

Conversions Part 1

Format	Color
Hex	4C200D
RGB	76, 32, 13
RGB Percent	30%, 13%, 5%
CMY	0.7020, 0.8745, 0.9490
CMYK	0.00, 0.58, 0.83, 0.70
HSL	18°, 71%, 17%
HSV	18°, 83%, 30%
XYZ	3.5696, 2.5986, 0.6942
YIQ	42.9900, 32.3230, 3.4190

Conversions

Conversions Part 2

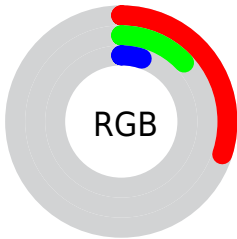
Format	Color
RYB	76, 40, 13
Decimal	4988941
CIELab	18.36, 19.34, 21.72
CIElCh	18, 29.088, 48.315
Yxy	2.5986, 0.5202, 0.3787
Android (android.graphics.Color)	4283179021 (0xFF4C200D)
YUV	42.9900, -14.7851, 28.9498
Hunter-Lab	16.1201, 11.3170, 8.7308

Details

The YUV color **42.9900, -14.7851, 28.9498** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **46.0100, 14.7851, -28.9498**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.1540, -16.8379, 34.0679**, and **7.5890, -3.2484, 15.2694** is the 20% darker color. If you saturate the color by 10%, you get **39.1430, -16.8325, 32.3236**, and if you desaturate by 10%, it is **46.8370, -12.7376, 25.5760**.

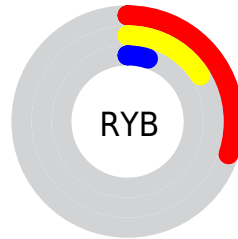
Distribution



Red (30%)

Green (13%)

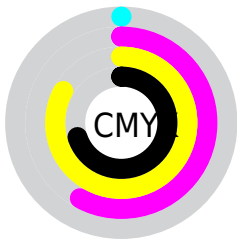
Blue (5%)



Red (30%)

Yellow (16%)

Blue (5%)

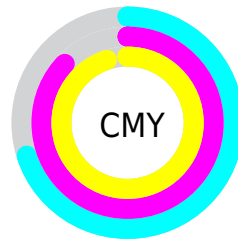


Cyan (0%)

Magenta (58%)

Yellow (83%)

Black (70%)



Cyan (70%)


Magenta (87%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 42.9900, -14.7851, 28.9498 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 42.9900, -14.7851, 28.9498 by changing the saturation by 10% instead.


 42.9900, -14.7851,
28.9498


 42.9900, -14.7851,
28.9498

 252.9480, -7.8624,
1.7996


 21.7060, -10.7011,
25.6908


 90.1540, -16.8379,
34.0679

 7.5890, -3.2484,
15.2694

 115.5240,
-18.0063, 35.4975

 0.0000, 0.0000,
0.0000

 141.3070,
-18.8854, 37.4418

 168.2040,
-19.3276, 39.2861

 195.6880,
-20.0592, 40.6156

 218.9750,

-18.7217, 31.5939

■ 238.6030,
-14.5943, 14.3802

■ 42.9900, -14.7851,
28.9498

■ 42.9900, -14.7851,
28.9498

■ 39.1430, -16.8325,
32.3236

■ 46.8370, -12.7376,
25.5760

■ 36.2250, -17.8589,
34.8827

■ 51.1570, -11.4164,
21.7873

■ 55.0040, -9.3690,
18.4135

■ 58.7370, -7.7583,
15.1397

■ 63.1710, -6.0003,
11.2510

■ 67.0180, -3.9529,
7.8772

■ 70.7510, -2.3422,
4.6034

■ 74.5980, -0.2948,
1.2296

■ 78.9180, 1.0264,
-2.5591

Harmonies

Analogous

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



42.9550, -4.9078, 34.2425



42.9900, -14.7851, 28.9498



42.6050, -21.0043, 17.0094

Triad

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



42.9900, -14.7851, 28.9498



35.8020, 0.0976, -31.3984



43.3030, 20.5566, -13.4207

Complementary

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



42.9900, -14.7851, 28.9498



46.0100, 14.7851, -28.9498

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.



39.1540, 23.0951, -34.3381



42.9900, -14.7851, 28.9498



38.7830, 8.9810, -34.0127

Square

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



42.9900, -14.7851, 28.9498



37.3170, -11.0023, -17.8180



39.7750, 17.8589, -34.8827



46.2310, 13.1971, 13.8294

Rectangle

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



42.9900, -14.7851, 28.9498



41.9520, -20.6823, 7.0581



39.7750, 17.8589, -34.8827



37.2300, 24.5366, -30.0197

Sweetspot

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



42.9900, -14.7851, 28.9498



86.2850, -5.5635, 11.1511



36.8530, 9.9325, 34.3319



42.8330, -3.3687, 7.1625



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.



42.9900, -14.7851, 28.9498



47.9120, -23.1276, 44.8042



61.1870, -23.7562, 12.9910



36.3700, -1.1684, 1.4295



48.6950, -24.0066, 46.7485



109.2730, -53.8716, 105.8776

Inverse Universe

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



46.0100, 14.7851, -28.9498



52.6750, 22.8382, -45.3190



27.8130, 23.7562, -12.9910



36.2170, 0.8790, -1.9443



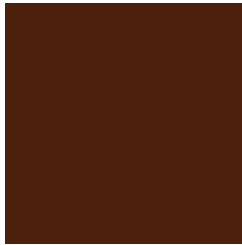
53.3050, 24.0066, -46.7485



120.1400, 54.1610, -105.3628

Previews

White Background



This preview shows how the YUV color 42.9900, -14.7851, 28.9498 looks on a white background.

Color Contrast Check

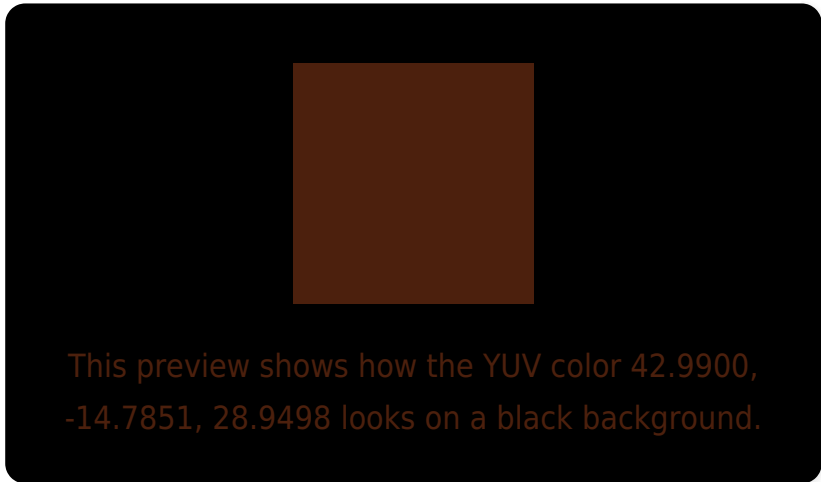
Large Text (above 18pt) WCAG AA ✓ Pass

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

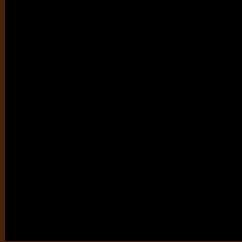
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.9900, -14.7851, 28.9498

Background



This preview shows how black text looks on a background with the YUV color 42.9900, -14.7851, 28.9498.

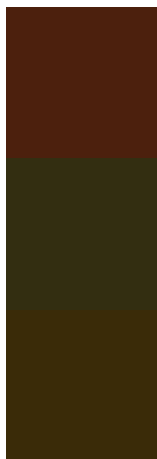


This preview shows how white text looks on a background with the YUV color 42.9900, -14.7851,

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

42.9900, -14.7851, 28.9498

Protanopia

44.1890, -13.4042, 5.9732

Deuteranopia

43.4950, -17.4990, 12.7209



Tritanopia

44.2810, -6.0545, 28.6946

Trichromacy



Original Color

42.9900, -14.7851, 28.9498

Protanomaly

43.8310, -13.7207, 14.1802

Deuteranomaly

43.4680, -16.4997, 18.8836

Tritanomaly

44.0700, -9.4015, 28.8796

Monochromacy



Original Color

42.9900, -14.7851, 28.9498

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.9860, -5.4161, 10.5363

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.9900, -14.7851, 28.9498 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, 32, 13)` looks like.

```
.text, #text, p{  
    color:rgb(76, 32, 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(76, 32, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 32, 13) }
```

Border

The CSS property to change the border of an element to YUV 42.9900, -14.7851, 28.9498 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, 32, 13) }
```


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

```
.border{ border-color:rgb(76, 32, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 32, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 32, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 32, 13);  
box-shadow:4px 4px 4px 4px rgb(76, 32, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.9900, -14.7851, 28.9498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 32, 13) }
```

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

```
.background{ background-color: rgb(76, 32,  
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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