

Converting Colors

YUV(45.9900, -14.7851,
28.9498)

Have a look what the booklet for
YUV(45.9900, -14.7851, 28.9498)
contains.

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Color

**YUV(45.9900, -14.7851,
28.9498)**

Conversions

Conversions Part 1

Format	Color
Hex	4F2310
RGB	79, 35, 16
RGB Percent	31%, 14%, 6%
CMY	0.6902, 0.8627, 0.9373
CMYK	0.00, 0.56, 0.80, 0.69
HSL	18°, 66%, 19%
HSV	18°, 80%, 31%
XYZ	3.9190, 2.9017, 0.8437
YIQ	45.9900, 32.3230, 3.4190

Conversions

Conversions Part 2

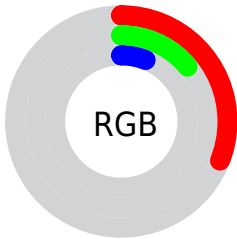
Format	Color
R_{YB}	79, 43, 16
Decimal	5186320
CIE _{Lab}	19.65, 19.09, 21.80
CIE _{LCh}	20, 28.980, 48.798
Yxy	2.9017, 0.5113, 0.3786
Android (android.graphics.Color)	4283376400 (0xFF4F2310)
YUV	45.9900, -14.7851, 28.9498
Hunter-Lab	17.0345, 11.2559, 8.9874

Details

The YUV color **45.9900, -14.7851, 28.9498** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **49.0100, 14.7851, -28.9498**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.7410, -17.1273, 33.5531**, and **9.3830, -4.1328, 18.9581** is the 20% darker color. If you saturate the color by 10%, you get **41.5560, -16.5431, 32.8384**, and if you desaturate by 10%, it is **50.4240, -13.0270, 25.0612**.

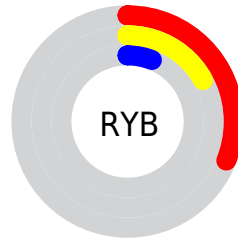
Distribution



Red (31%)

Green (14%)

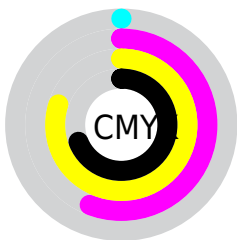
Blue (6%)



Red (31%)

Yellow (17%)

Blue (6%)

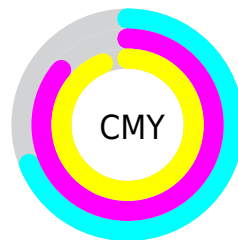


Cyan (0%)

Magenta (56%)

Yellow (80%)

Black (69%)



Cyan (69%)


Magenta (86%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 45.9900, -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 45.9900, -14.7851, 28.9498 by changing the saturation by 10% instead.


 45.9900, -14.7851,
28.9498


 45.9900, -14.7851,
28.9498

 253.4040, -6.1152,
1.3997

 24.3640, -12.0115,
25.9908


 93.7410, -17.1273,
33.5531

 9.3830, -4.1328,
18.9581

 118.5240,
-18.0063, 35.4975

 0.0000, 0.0000,
0.0000


 144.3070,
-18.8854, 37.4418


 171.7910,
-19.6170, 38.7713


 199.2750,
-20.3486, 40.1008


 221.1920,


-17.8427, 29.6496


 241.4070,
-14.0047, 11.9211


 45.9900, -14.7851,
28.9498


 45.9900, -14.7851,
28.9498


 41.5560, -16.5431,
32.8384


 50.4240, -13.0270,
25.0612

 37.7090, -18.5905,
36.2122

 54.2710, -10.9796,
21.6873

 58.7050, -9.2216,
17.7987

 62.5520, -7.1741,
14.4249

 66.9860, -5.4161,
10.5363

■ 70.7190, -3.8055,
7.2624

■ 75.1530, -2.0474,
3.3738

■ 79.0000, 0.0000,
0.0000

■ 83.4340, 1.7580,
-3.8886

Harmonies

Analogous

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



46.1400, -5.4920, 34.9572



45.9900, -14.7851, 28.9498



45.2630, -22.3147, 17.3093

Triad

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



45.9900, -14.7851, 28.9498



37.9050, 0.5398, -33.2427



46.0150, 20.6986, -12.2912

Complementary

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



45.9900, -14.7851, 28.9498



49.0100, 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.



40.6700, 23.8267, -35.6676



45.9900, -14.7851, 28.9498



41.0000, 9.8600, -35.9570

Square

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



45.9900, -14.7851, 28.9498



40.0180, -10.8549, -18.4328



41.8780, 18.3011, -36.7270



49.2310, 13.1971, 13.8294

Rectangle

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



45.9900, -14.7851, 28.9498



44.0230, -21.7033, 7.8728



41.8780, 18.3011, -36.7270



41.3120, 23.5102, -27.4606

Sweetspot

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



45.9900, -14.7851, 28.9498



89.2850, -5.5635, 11.1511



39.8530, 9.9325, 34.3319



43.4200, -3.6581, 6.6477



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.



45.9900, -14.7851, 28.9498



50.9120, -23.1276, 44.8042



64.1870, -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.



49.0100, 14.7851, -28.9498



55.0880, 23.1276, -44.8042



30.8130, 23.7562, -12.9910



36.2170, 0.8790, -1.9443



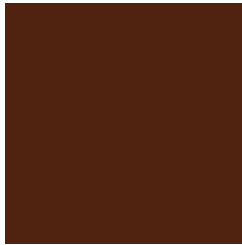
53.3050, 24.0066, -46.7485



120.1400, 54.1610, -105.3628

Previews

White Background



This preview shows how the YUV color 45.9900, -14.7851, 28.9498 looks on a white background.

Color Contrast Check

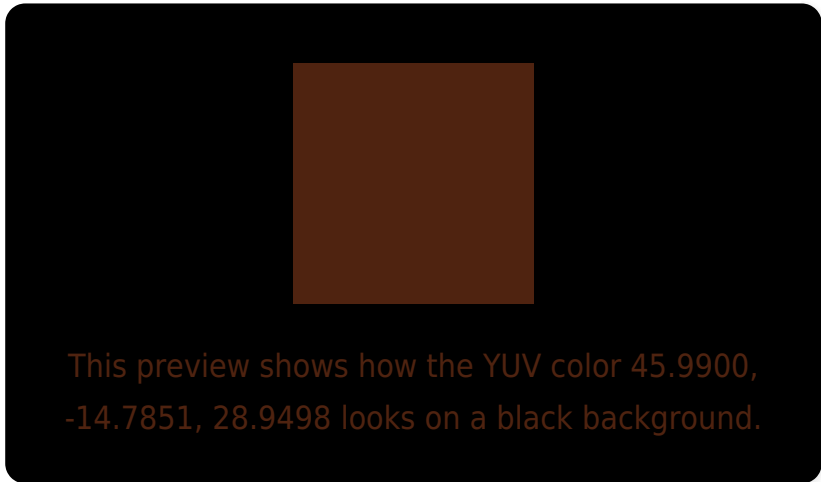
Large Text (above 18pt) WCAG AA ✓ Pass

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

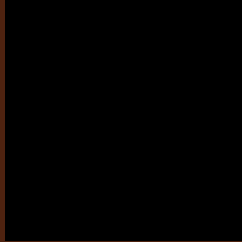
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.9900, -14.7851, 28.9498

Background



This preview shows how black text looks on a background with the YUV color 45.9900, -14.7851, 28.9498.

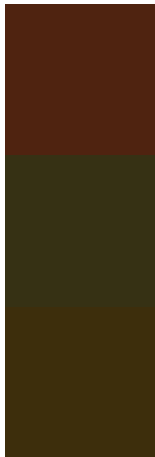


This preview shows how white text looks on a background with the YUV color 45.9900, -14.7851,

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

45.9900, -14.7851, 28.9498

Protanopia

47.1890, -13.4042, 5.9732

Deuteranopia

46.6090, -17.0622, 12.6209



Tritanopia

47.2810, -6.0545, 28.6946

Trichromacy



Original Color

45.9900, -14.7851, 28.9498

Protanomaly

46.8310, -13.7207, 14.1802

Deuteranomaly

46.4680, -16.4997, 18.8836

Tritanomaly

47.0700, -9.4015, 28.8796

Monochromacy



Original Color

45.9900, -14.7851, 28.9498

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.9860, -5.4161, 10.5363

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.9900, -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(79, 35, 16)` looks like.

```
.text, #text, p{  
    color:rgb(79, 35, 16)  
}
```

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(79, 35, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 35, 16) }
```

Border

The CSS property to change the border of an element to YUV 45.9900, -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(79, 35, 16) }
```


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

```
.border{ border-color:rgb(79, 35, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 35, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 35, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 35, 16);  
box-shadow:4px 4px 4px 4px rgb(79, 35, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.9900, -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(79, 35, 16) }
```

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

```
.background{ background-color: rgb(79, 35,  
16) }
```

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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