

# Converting Colors

YUV(42.8160, -14.2063,  
29.9794)

Have a look what the booklet for  
YUV(42.8160, -14.2063, 29.9794)  
contains.

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# Color

**YUV(42.8160, -14.2063,  
29.9794)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D1F0E
RGB	77, 31, 14
RGB Percent	30%, 12%, 5%
CMY	0.6980, 0.8784, 0.9451
CMYK	0.00, 0.60, 0.82, 0.70
HSL	16°, 69%, 18%
HSV	16°, 82%, 30%
XYZ	3.6298, 2.5895, 0.7240
YIQ	42.8160, 32.8730, 4.4650

# Conversions

## Conversions Part 2

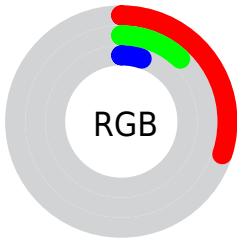
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 37, 14
Decimal	5054222
CIELab	18.32, 20.45, 21.23
CIElCh	18, 29.479, 46.065
Yxy	2.5895, 0.5228, 0.3729
Android (android.graphics.Color)	4283244302 (0xFF4D1F0E)
YUV	42.8160, -14.2063, 29.9794
Hunter-Lab	16.0918, 12.1035, 8.5968

# Details

The YUV color **42.8160, -14.2063, 29.9794** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **48.1840, 14.2063, -29.9794**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.9800, -16.2591, 35.0975**, and **7.8880, -3.3958, 15.8842** is the 20% darker color. If you saturate the color by 10%, you get **38.3820, -15.9643, 33.8680**, and if you desaturate by 10%, it is **47.2500, -12.4482, 26.0907**.

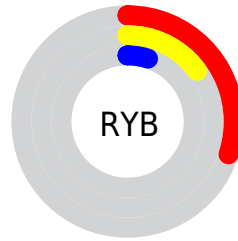
# Distribution



Red (30%)

Green (12%)

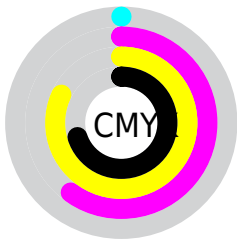
Blue (5%)



Red (30%)

Yellow (15%)

Blue (5%)

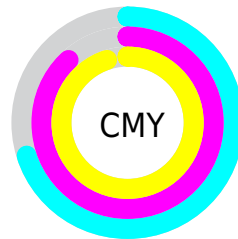


Cyan (0%)

Magenta (60%)

Yellow (82%)

Black (70%)



Cyan (70%)

Magenta (88%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 42.8160, -14.2063, 29.9794 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 42.8160, -14.2063, 29.9794 by changing the saturation by 10% instead.



■ 42.8160, -14.2063,  
29.9794

■ 42.8160, -14.2063,  
29.9794

■ 253.0620, -7.4256,  
1.6996

■ 20.8310, -10.2697,  
27.3352

■ 89.9800, -16.2591,  
35.0975

■ 7.8880, -3.3958,  
15.8842

■ 115.3500,  
-17.4275, 36.5271

■ 0.0000, 0.0000,  
0.0000


■ 141.4320,  
-18.4540, 39.0861


■ 167.9160,  
-19.1856, 40.4157


■ 195.4000,  
-19.9172, 41.7452


■ 218.5020,


-17.9955, 32.0087


 238.1300,  
-13.8681, 14.7950


 42.8160, -14.2063,  
29.9794


 42.8160, -14.2063,  
29.9794


 38.3820, -15.9643,  
33.8680


 47.2500, -12.4482,  
26.0907

 35.3500, -17.4276,  
36.5270

 50.9830, -10.8376,  
22.8169

 55.4170, -9.0796,  
18.9283

 59.2640, -7.0322,  
15.5545

 63.6980, -5.2741,  
11.6659

■ 68.0180, -3.9529,  
7.8772

■ 71.8650, -1.9054,  
4.5034

■ 76.2990, -0.1474,  
0.6148

■ 80.6190, 1.1738,  
-3.1739

# Harmonies

## Analogous

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



42.7810, -4.3290, 35.2721



42.8160, -14.2063, 29.9794



42.6160, -21.0097, 18.7538

# Triad

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



42.8160, -14.2063, 29.9794



35.5740, -0.7760, -31.1984



41.9220, 21.7305, -16.5946

# Complementary

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



42.8160, -14.2063, 29.9794



48.1840, 14.2063, -29.9794

# 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



42.8160, -14.2063, 29.9794



38.6690, 8.5442, -33.9127

# Square

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



42.8160, -14.2063, 29.9794



37.5730, -12.6075, -16.2885



40.2480, 17.1327, -35.2975



46.3340, 13.6393, 11.9851



# Rectangle

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



42.8160, -14.2063, 29.9794



41.9630, -20.6878, 8.8024



40.2480, 17.1327, -35.2975



36.9200, 24.6894, -32.3788

# Sweetspot

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



42.8160, -14.2063, 29.9794



85.6980, -5.2741, 11.6659



38.0810, 10.8061, 34.1320



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.



42.8160, -14.2063, 29.9794



46.2650, -21.8226, 46.2486



61.0130, -23.1774, 14.0206



35.7830, -0.8790, 1.9443



46.9340, -23.1385, 48.2929



105.1640, -51.8459, 109.4812



# Inverse Universe

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



48.1840, 14.2063, -29.9794



54.7350, 21.8226, -46.2486



29.9870, 23.1774, -14.0206



36.2170, 0.8790, -1.9443



55.0660, 23.1385, -48.2929

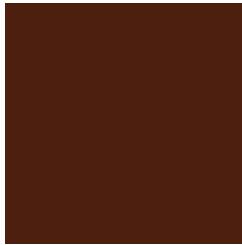


124.8360, 51.8459, -109.4812



# Previews

## White Background



This preview shows how the YUV color 42.8160, -14.2063, 29.9794 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

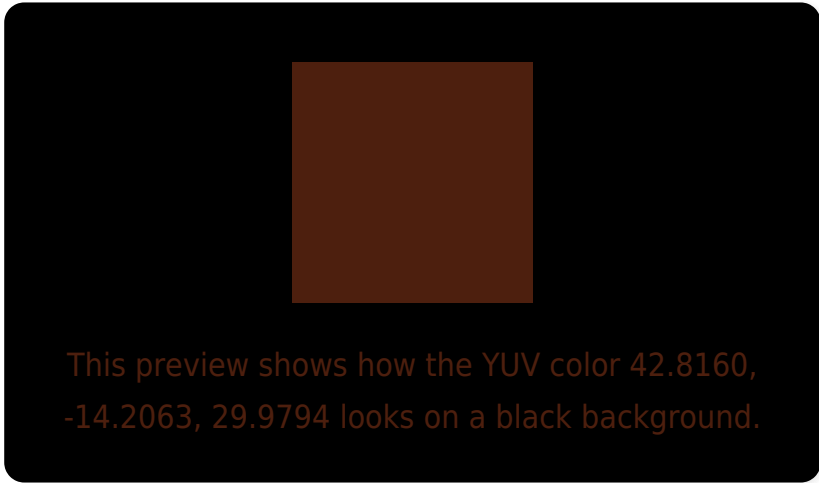
Any Text WCAG AA ✓ Pass

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

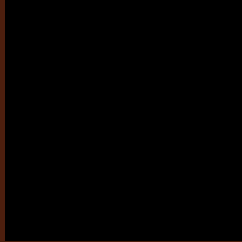
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 42.8160, -14.2063, 29.9794

## Background



This preview shows how black text looks on a background with the YUV color 42.8160, -14.2063, 29.9794.



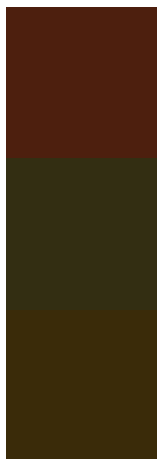
This preview shows how white text looks on a background with the YUV color 42.8160, -14.2063,



# 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

42.8160, -14.2063, 29.9794

### Protanopia

44.3030, -12.9674, 5.8733

### Deuteranopia

43.6090, -17.0622, 12.6209



## Tritanopia

43.8790, -6.3493, 29.9241

# Trichromacy



## Original Color

42.8160, -14.2063, 29.9794

## Protanomaly

43.9450, -13.2839, 14.0802

## Deuteranomaly

43.5820, -16.0629, 18.7836

## Tritanomaly

43.7820, -9.2595, 30.0092

# Monochromacy



## Original Color

42.8160, -14.2063, 29.9794

## 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 42.8160, -14.2063, 29.9794 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(77, 31, 14)` looks like.

```
.text, #text, p{  
    color:rgb(77, 31, 14)  
}
```

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(77, 31, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 31, 14) }
```

## Border

The CSS property to change the border of an element to YUV 42.8160, -14.2063, 29.9794 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(77, 31, 14) }
```



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

```
.border{ border-color:rgb(77, 31, 14) }
```

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

Here you see how a box with a 4 pixel rgb(77, 31, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 31, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 31, 14);  
box-shadow:4px 4px 4px 4px rgb(77, 31, 14)  
}
```

# Background

The CSS property to change the background color of an element to YUV 42.8160, -14.2063, 29.9794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 31, 14) }
```

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

```
.background{ background-color: rgb(77, 31,  
14) }
```

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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