

# Converting Colors

YUV(86.6570, -29.9039,  
24.8568)

Have a look what the booklet for  
YUV(86.6570, -29.9039, 24.8568)  
contains.

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# Color

**YUV(86.6570, -29.9039,  
24.8568)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73541A
RGB	115, 84, 26
RGB Percent	45%, 33%, 10%
CMY	0.5490, 0.6706, 0.8980
CMYK	0.00, 0.27, 0.77, 0.55
HSL	39°, 63%, 28%
HSV	39°, 77%, 45%
XYZ	10.4270, 10.0601, 2.3695
YIQ	86.6570, 37.0940, -11.4660

# Conversions

## Conversions Part 2

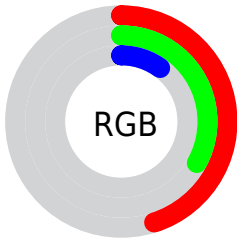
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	74, 115, 26
Decimal	7558170
CIE Lab	37.95, 6.81, 37.18
CIE LCh	38, 37.798, 79.617
Yxy	10.0601, 0.4562, 0.4401
Android (android.graphics.Color)	4285748250 (0xFF73541A)
YUV	86.6570, -29.9039, 24.8568
Hunter-Lab	31.7176, 3.1752, 17.7730

# Details

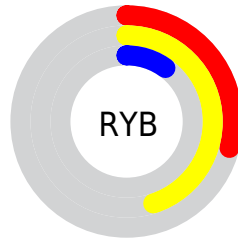
The YUV color **86.6570, -29.9039, 24.8568** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **54.3430, 29.9039, -24.8568**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.3370, -31.2251, 28.6455**, and **41.7300, -20.5729, 18.6538** is the 20% darker color. If you saturate the color by 10%, you get **83.0550, -33.5511, 28.0158**, and if you desaturate by 10%, it is **90.3730, -25.8199, 21.5979**.

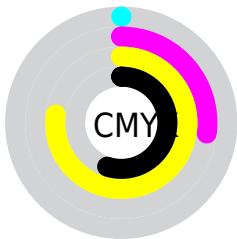
# Distribution



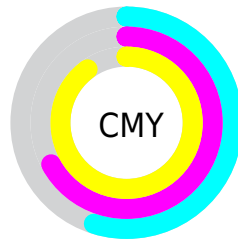
- Red (45%)
- Green (33%)
- Blue (10%)



- Red (29%)
- Yellow (45%)
- Blue (10%)



- Cyan (0%)
- Magenta (27%)
- Yellow (77%)
- Black (55%)



- Cyan (55%)
- Magenta (67%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 86.6570, -29.9039, 24.8568 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 86.6570, -29.9039, 24.8568 by changing the saturation by 10% instead.



86.6570, -29.9039,  
24.8568

86.6570, -29.9039,  
24.8568

255.0000, 0.0000,  
0.0000

62.5320, -30.3353,  
23.2124

137.3370,  
-31.2251, 28.6455

41.7300, -20.5729,  
18.6538

163.7070,  
-32.3936, 30.0750

22.5150, -11.0999,  
13.5803

191.1910,  
-33.1252, 31.4045

0.0000, 0.0000,  
0.0000

218.9630,  
-33.9988, 31.6044

238.4770,  
-30.3082, 14.4907

249.3000,

-21.8399, 4.9989

252.4920, -9.6096,  
2.1995

86.6570, -29.9039,  
24.8568

86.6570, -29.9039,  
24.8568

83.0550, -33.5511,  
28.0158

90.3730, -25.8199,  
21.5979

79.3390, -37.6351,  
31.2747

93.9750, -22.1727,  
18.4389

78.4100, -38.6561,  
32.0894

97.6910, -18.0887,  
15.1800

101.2930,  
-14.4414, 12.0210

105.0090,  
-10.3574, 8.7621

■ 108.6110, -6.7102,  
5.6032

■ 112.3270, -2.6262,  
2.3442

■ 115.9290, 1.0210,  
-0.8147

■ 119.6450, 5.1050,  
-4.0737

# Harmonies

## Analogous

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



87.9440, -21.6644, 42.1451



86.6570, -29.9039, 24.8568



84.2690, -28.2336, 2.3951

# Triad

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



86.6570, -29.9039, 24.8568



73.4740, 17.5143, -64.4367



92.2410, 18.1222, 20.8366

# Complementary

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



86.6570, -29.9039, 24.8568



54.3430, 29.9039, -24.8568

# 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.



88.7680, 28.7084, -14.7055



86.6570, -29.9039, 24.8568



75.2640, 29.4498, -66.0065

# Square

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



86.6570, -29.9039, 24.8568



69.8260, 3.5368, -61.2374



73.3380, 37.3014, -64.3174



90.3550, 5.2480, 43.5387



# Rectangle

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



86.6570, -29.9039, 24.8568



81.8090, -20.6118, -15.6185



73.3380, 37.3014, -64.3174



91.9130, 22.2279, 10.6003

# Sweetspot

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



86.6570, -29.9039, 24.8568



139.0800, -11.3784, 9.5768



56.1450, 0.4215, 51.6158



69.7960, -7.2944, 6.3179



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



86.6570, -29.9039, 24.8568



105.9780, -46.8242, 38.6073



100.9670, -36.9587, 0.9059



57.1420, -2.0420, 1.6295



83.4380, -41.1349, 33.8189



170.4310, -84.0225, 69.7820



# Inverse Universe

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



54.3430, 29.9039, -24.8568



55.0220, 46.8242, -38.6073



40.0330, 36.9587, -0.9059



54.8580, 2.0420, -1.6295



39.1490, 40.8455, -34.3337



79.5690, 84.0225, -69.7820



# Previews

## White Background



This preview shows how the YUV color 86.6570, -29.9039, 24.8568 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 × Fail



# Black Background



This preview shows how the YUV color 86.6570, -29.9039, 24.8568 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 86.6570, -29.9039, 24.8568

## Background



This preview shows how black text looks on a background with the YUV color 86.6570, -29.9039, 24.8568.



This preview shows how white text looks on a background with the YUV color 86.6570, -29.9039,



# 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

86.6570, -29.9039, 24.8568

### Protanopia

85.9220, -28.5555, 12.3464

### Deuteranopia

86.6460, -29.8985, 23.1125



## Tritanopia

90.9430, -3.4229, 24.6060

# Trichromacy



## Original Color

86.6570, -29.9039, 24.8568

## Protanomaly

86.1290, -29.1506, 16.5499

## Deuteranomaly

86.9450, -30.0459, 23.7272

## Tritanomaly

89.4240, -13.0270, 25.0612

# Monochromacy



## Original Color

86.6570, -29.9039, 24.8568

## Achromatopsia

87.0000, 0.0000, 0.0000

## Achromatomaly

86.8950, -10.7942, 8.8621

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 86.6570, -29.9039, 24.8568 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(115, 84, 26)` looks like.

```
.text, #text, p{  
    color:rgb(115, 84, 26)  
}
```

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(115, 84, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 84, 26) }
```

## Border

The CSS property to change the border of an element to YUV 86.6570, -29.9039, 24.8568 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(115, 84, 26) }
```



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

```
.border{ border-color:rgb(115, 84, 26) }
```

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

Here you see how a box with a 4 pixel rgb(115, 84, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 84, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 84, 26);  
box-shadow:4px 4px 4px 4px rgb(115, 84,  
26) }
```

# Background

The CSS property to change the background color of an element to YUV 86.6570, -29.9039, 24.8568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 84, 26) }
```

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

```
.background{ background-color: rgb(115, 84,  
26) }
```

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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