

Converting Colors

YUV(74.7870, -36.8700,
65.9618)

Have a look what the booklet for
YUV(74.7870, -36.8700, 65.9618)
contains.

YUV(74.7870, -36.8700, 65.9618)	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>	30

Color

**YUV(74.7870, -36.8700,
65.9618)**

Conversions

Conversions Part 1

Format	Color
Hex	963300
RGB	150, 51, 0
RGB Percent	59%, 20%, 0%
CMY	0.4118, 0.8000, 1.0000
CMYK	0.00, 0.66, 1.00, 0.41
HSL	20°, 100%, 29%
HSV	20°, 100%, 59%
XYZ	13.7615, 8.8517, 0.9832
YIQ	74.7870, 75.3750, 5.1270

Conversions

Conversions Part 2

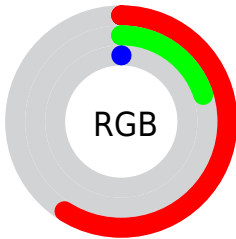
Format	Color
RYB	150, 77, 0
Decimal	9843456
CIELab	35.70, 39.72, 47.48
CIELCh	36, 61.906, 50.090
Yxy	8.8517, 0.5832, 0.3751
Android (android.graphics.Color)	4288033536 (0xFF963300)
YUV	74.7870, -36.8700, 65.9618
Hunter-Lab	29.7518, 30.4985, 18.8668

Details

The YUV color **74.7870, -36.8700, 65.9618** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **75.2130, 36.8700, -65.9618**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.7770, -38.3441, 72.1096**, and **27.2090, -13.4140, 55.9447** is the 20% darker color. If you saturate the color by 10%, you get **74.7870, -36.8700, 65.9618**, and if you desaturate by 10%, it is **82.3670, -33.2119, 59.3141**.

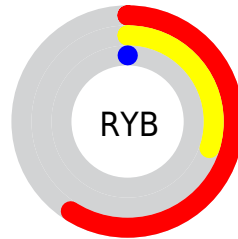
Distribution



Red (59%)

Green (20%)

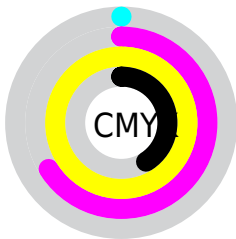
Blue (0%)



Red (59%)

Yellow (30%)

Blue (0%)

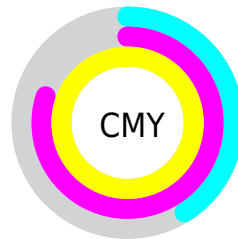


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (41%)



Cyan (41%)


Magenta (80%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 74.7870, -36.8700, 65.9618 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 74.7870, -36.8700, 65.9618 by changing the saturation by 10% instead.


 74.7870, -36.8700,
65.9618


 74.7870, -36.8700,
65.9618


 252.8340, -8.2992,
1.8996

 49.9680, -24.6342,
61.4181


 128.7770,
-38.3441, 72.1096

 27.2090, -13.4140,
55.9447

 156.1580,
-39.5179, 75.2834


 18.5380, -9.1392,
38.1162

 178.7440,
-38.3278, 66.8765

 10.5790, -4.7224,
21.4172

 198.0300,
-35.5108, 49.9627


 0.0000, 0.0000,
0.0000


 217.5440,
-31.8202, 32.8489


 237.0580,


-28.1296, 15.7351


 249.6420,
-20.5295, 4.6990


 74.7870, -36.8700,
65.9618

 82.3670, -33.2119,
59.3141

 89.9470, -29.5539,
52.6665

 97.5270, -25.8958,
46.0188

 105.1070,
-22.2378, 39.3712

 112.6870,
-18.5797, 32.7235

■ 119.6800,
-14.6322, 26.5906

■ 127.2600,
-10.9742, 19.9430

■ 134.8400, -7.3161,
13.2953

■ 142.4200, -3.6581,
6.6477

Harmonies

Analogous

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



64.6060, -5.2288, 90.6765



74.7870, -36.8700, 65.9618



79.5950, -39.2403, 32.8042

Triad

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



74.7870, -36.8700, 65.9618



68.4580, -1.7048, -60.0377



71.1610, 52.6716, -47.4992

Complementary

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



74.7870, -36.8700, 65.9618



75.2130, 36.8700, -65.9618

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.



76.6270, 52.4419, -67.2019



74.7870, -36.8700, 65.9618



74.9730, 20.7193, -65.7513

Square

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



74.7870, -36.8700, 65.9618



59.2700, -26.7551, -51.9798



78.7010, 40.0804, -69.0208



84.1840, 31.4613, 35.7956

Rectangle

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



74.7870, -36.8700, 65.9618



77.3810, -38.1488, 9.3129



78.7010, 40.0804, -69.0208



70.7570, 55.3358, -62.0539

Sweetspot

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



74.7870, -36.8700, 65.9618



164.4950, -14.0480, 25.8759



56.2500, 21.5688, 82.2188



79.5090, -8.6319, 15.3396



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



74.7870, -36.8700, 65.9618



96.7480, -47.6968, 85.2900



118.2250, -58.2849, 27.8667



70.2670, -1.6106, 3.2738



68.8510, -33.9435, 60.6437



4.7510, -2.3422, 4.6034

Inverse Universe

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



75.2130, 36.8700, -65.9618



97.2520, 47.6968, -85.2900



31.7750, 58.2849, -27.8667



70.1460, 1.9000, -2.7590



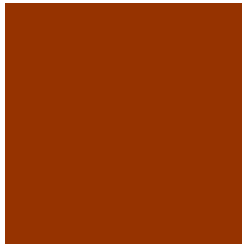
69.1490, 33.9435, -60.6437



5.2490, 2.3422, -4.6034

Previews

White Background



This preview shows how the YUV color 74.7870, -36.8700, 65.9618 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



This preview shows how the YUV color 74.7870, -36.8700, 65.9618 looks on a 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 74.7870, -36.8700, 65.9618

Background



This preview shows how black text looks on a background with the YUV color 74.7870, -36.8700, 65.9618.



This preview shows how white text looks on a background with the YUV color 74.7870, -36.8700,

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



Protanopia

80.4230, -31.7605, 13.6610

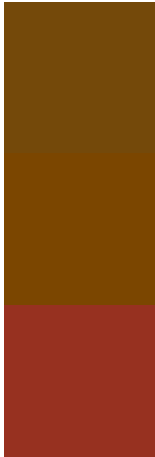
Deuteranopia

79.5400, -39.2132, 24.0824

Tritanopia

79.0250, -14.3093, 63.1221

Trichromacy



Protanomaly

78.6750, -33.8568, 32.7340

Deuteranomaly

77.8670, -38.3884, 39.5816

Tritanomaly

77.5600, -22.4611, 64.4069

Monochromacy



Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.7120, -13.1690, 23.9316

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.7870, -36.8700, 65.9618 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(150, 51, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 51, 0)  
}
```

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(150, 51, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 51, 0) }
```

Border

The CSS property to change the border of an element to YUV 74.7870, -36.8700, 65.9618 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(150, 51, 0) }
```

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

```
.border{ border-color:rgb(150, 51, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 51, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 51, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 51, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 51, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 74.7870, -36.8700, 65.9618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 51, 0) }
```

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

```
.background{ background-color: rgb(150, 51,  
0) }
```

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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