

Converting Colors

YUV(73.6570, -36.3129,
73.9688)

Have a look what the booklet for
YUV(73.6570, -36.3129, 73.9688)
contains.

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Color

**YUV(73.6570, -36.3129,
73.9688)**

Conversions

Conversions Part 1

Format	Color
Hex	9E2D00
RGB	158, 45, 0
RGB Percent	62%, 18%, 0%
CMY	0.3804, 0.8235, 1.0000
CMYK	0.00, 0.72, 1.00, 0.38
HSL	17°, 100%, 31%
HSV	17°, 100%, 62%
XYZ	15.0389, 9.1459, 0.9727
YIQ	73.6570, 81.7930, 9.9610

Conversions

Conversions Part 2

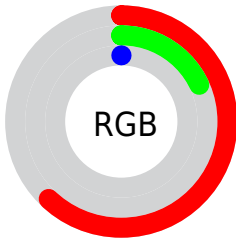
Format	Color
RYB	158, 63, 0
Decimal	10366208
CIELab	36.26, 45.16, 48.61
CIElCh	36, 66.351, 47.107
Yxy	9.1459, 0.5978, 0.3635
Android (android.graphics.Color)	4288556288 (0xFF9E2D00)
YUV	73.6570, -36.3129, 73.9688
Hunter-Lab	30.2421, 35.8415, 19.2625

Details

The YUV color **73.6570, -36.3129, 73.9688** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **84.3430, 36.3129, -73.9688**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1200, -38.5132, 79.7018**, and **29.3020, -14.4459, 60.2481** is the 20% darker color. If you saturate the color by 10%, you get **73.6570, -36.3129, 73.9688**, and if you desaturate by 10%, it is **81.9380, -32.5074, 66.7064**.

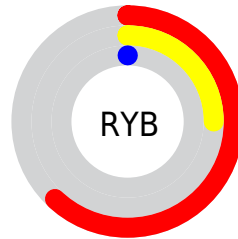
Distribution



Red (62%)

Green (18%)

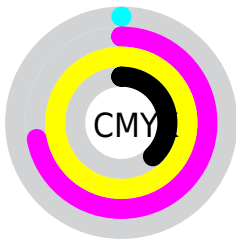
Blue (0%)



Red (62%)

Yellow (25%)

Blue (0%)

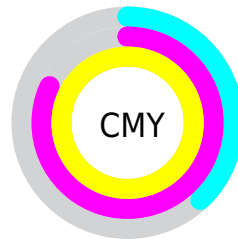


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (38%)



Cyan (38%)


Magenta (82%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 73.6570, -36.3129, 73.9688 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 73.6570, -36.3129, 73.9688 by changing the saturation by 10% instead.


 73.6570, -36.3129,
73.9688


 73.6570, -36.3129,
73.9688


 252.8340, -8.2992,
1.8996


 45.9030, -22.6302,
71.9991


 129.1200,
-38.5132, 79.7018


 29.3020, -14.4459,
60.2481

 156.6860,
-40.2712, 83.5904


 20.3320, -10.0237,
41.8048

 176.2820,
-37.6070, 69.0357

 12.6720, -5.7543,
25.7207

 195.6820,
-34.3532, 52.0219


 0.0000, 0.0000,
0.0000


 215.0820,
-31.0994, 35.0081


 235.2970,


-27.2614, 17.2795

 249.5280,
-20.9663, 4.7989


 73.6570, -36.3129,
73.9688

 81.9380, -32.5074,
66.7064

 90.8060, -28.9914,
58.9291

 98.9730, -25.6227,
51.7667

 107.2540,
-21.8172, 44.5042

 116.1220,
-18.3011, 36.7270

■ 124.4030,
-14.4957, 29.4646

■ 132.6840,
-10.6902, 22.2021

■ 140.8510, -7.3215,
15.0397

■ 149.7190, -3.8055,
7.2624

Harmonies

Analogous

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



58.9370, -0.4619, 101.7873



73.6570, -36.3129, 73.9688



81.1010, -39.9828, 37.6224

Triad

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



73.6570, -36.3129, 73.9688



69.0620, -4.4676, -60.5674



69.6800, 58.8248, -61.1094

Complementary

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



73.6570, -36.3129, 73.9688



84.3430, 36.3129, -73.9688

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.



79.8870, 54.7787, -70.0609



73.6570, -36.3129, 73.9688



75.9190, 19.2669, -66.5810

Square

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



73.6570, -36.3129, 73.9688



59.2870, -29.2285, -51.9947



80.8040, 40.5226, -70.8651



85.4270, 36.2715, 32.9515

Rectangle

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



73.6570, -36.3129, 73.9688



79.1750, -39.0333, 13.0015



80.8040, 40.5226, -70.8651



74.2450, 58.5462, -65.1129

Sweetspot

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



73.6570, -36.3129, 73.9688



173.5170, -14.0589, 29.3646



60.1240, 26.0679, 85.8373



84.8190, -8.7848, 17.6987



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



73.6570, -36.3129, 73.9688



96.5260, -47.5873, 96.8857



120.0300, -59.1748, 33.2997



74.5660, -1.7580, 3.8886



66.8240, -32.9442, 66.8064



6.8330, -3.3687, 7.1625

Inverse Universe

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



84.3430, 36.3129, -73.9688



110.4740, 47.5873, -96.8857



37.9700, 59.1748, -33.2997



75.4340, 1.7580, -3.8886



76.1760, 32.9442, -66.8064



8.1670, 3.3687, -7.1625

Previews

White Background



This preview shows how the YUV color 73.6570, -36.3129, 73.9688 looks on a white background.

Color Contrast Check

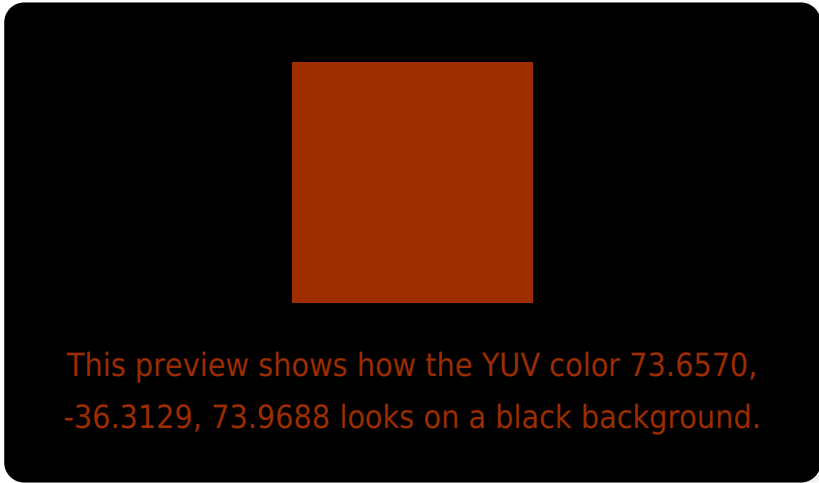
Large Text (above 18pt) WCAG AA ✓ Pass

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

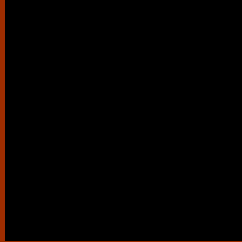
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.6570, -36.3129, 73.9688

Background



This preview shows how black text looks on a background with the YUV color 73.6570, -36.3129, 73.9688.



This preview shows how white text looks on a background with the YUV color 73.6570, -36.3129,

73.9688.

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

73.6570, -36.3129, 73.9688

Protanopia

82.1240, -31.6131, 13.0463

Deuteranopia

80.7250, -39.7974, 24.7972



Tritanopia

77.2110, -16.3730, 71.7290

Trichromacy



Original Color

73.6570, -36.3129, 73.9688

Protanomaly

79.0990, -33.5728, 34.9932

Deuteranomaly

78.4760, -38.6887, 42.5555

Tritanomaly

75.9740, -23.6512, 72.8138

Monochromacy



Original Color

73.6570, -36.3129, 73.9688

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.7340, -13.1799, 27.4203

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.6570, -36.3129, 73.9688 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(158, 45, 0)` looks like.

```
.text, #text, p{  
    color:rgb(158, 45, 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(158, 45, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 45, 0) }
```

Border

The CSS property to change the border of an element to YUV 73.6570, -36.3129, 73.9688 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(158, 45, 0) }
```


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

```
.border{ border-color:rgb(158, 45, 0) }
```

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

Here you see how a box with a 4 pixel rgb(158, 45, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 45, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 45, 0);  
box-shadow:4px 4px 4px 4px rgb(158, 45, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.6570, -36.3129, 73.9688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 45, 0) }
```

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

```
.background{ background-color: rgb(158, 45,  
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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