

Converting Colors

YUV(73.7450, -36.3563,
87.9236)

Have a look what the booklet for
YUV(73.7450, -36.3563, 87.9236)
contains.

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Color

**YUV(73.7450, -36.3563,
87.9236)**

Conversions

Conversions Part 1

Format	Color
Hex	AE2500
RGB	174, 37, 0
RGB Percent	68%, 15%, 0%
CMY	0.3176, 0.8549, 1.0000
CMYK	0.00, 0.79, 1.00, 0.32
HSL	13°, 100%, 34%
HSV	13°, 100%, 68%
XYZ	18.1171, 10.3218, 1.0374
YIQ	73.7450, 93.5290, 17.5370

Conversions

Conversions Part 2

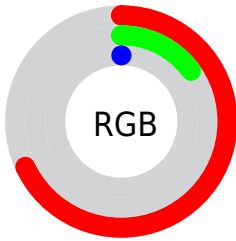
Format	Color
RYB	174, 47, 0
Decimal	11412736
CIELab	38.41, 53.21, 51.42
CIElCh	38, 73.994, 44.018
Yxy	10.3218, 0.6146, 0.3502
Android (android.graphics.Color)	4289602816 (0xFFAE2500)
YUV	73.7450, -36.3563, 87.9236
Hunter-Lab	32.1276, 44.4351, 20.5748

Details

The YUV color **73.7450, -36.3563, 87.9236** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **100.2550, 36.3563, -87.9236**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.1540, -40.0089, 92.8269**, and **33.4880, -16.5096, 68.8550** is the 20% darker color. If you saturate the color by 10%, you get **73.7450, -36.3563, 87.9236**, and if you desaturate by 10%, it is **83.9010, -32.9822, 79.0168**.

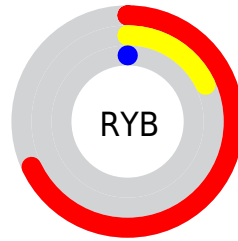
Distribution



Red (68%)

Green (15%)

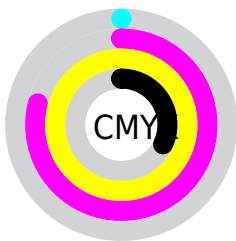
Blue (0%)



Red (68%)

Yellow (18%)

Blue (0%)

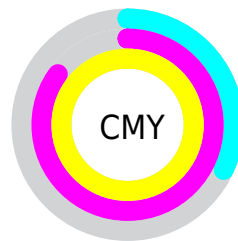


Cyan (0%)

Magenta (79%)

Yellow (100%)

Black (32%)



Cyan (32%)


Magenta (85%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 73.7450, -36.3563, 87.9236 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 73.7450, -36.3563, 87.9236 by changing the saturation by 10% instead.


 73.7450, -36.3563,
87.9236


 73.7450, -36.3563,
87.9236


 252.9480, -7.8624,
1.7996


 42.7570, -21.0792,
87.9131


 132.1540,
-40.0089, 92.8269


 33.4880, -16.5096,
68.8550


 156.5230,
-39.6978, 86.3643


 24.5180, -12.0874,
50.4117

 175.2220,
-36.5914, 69.9653

 16.6730, -7.2338,
33.6128

 194.6220,
-33.3376, 52.9515

 2.6910, -1.3267,
5.5330


 214.6090,
-30.3732, 35.4229


 0.0000, 0.0000,
0.0000


 234.7100,

-26.9720, 17.7943


 249.6420,
-20.5295, 4.6990


 73.7450, -36.3563,
87.9236

 83.9010, -32.9822,
79.0168

 93.5840, -28.8819,
70.5248

 103.7400,
-25.5078, 61.6180

 114.0100,
-21.6969, 52.6112

 124.1660,
-18.3228, 43.7044

■ 133.7350,
-14.6594, 35.3124

■ 144.0050,
-10.8485, 26.3056

■ 154.1610, -7.4744,
17.3988

■ 163.8440, -3.3741,
8.9068

Harmonies

Analogous

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



64.6330, 0.6739, 110.8239



73.7450, -36.3563, 87.9236



85.5750, -42.1885, 45.0997

Triad

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



73.7450, -36.3563, 87.9236



72.6010, -8.6773, -63.6711



76.0690, 65.5350, -66.7125

Complementary

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



73.7450, -36.3563, 87.9236



100.2550, 36.3563, -87.9236

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.



86.5210, 59.8891, -75.8789



73.7450, -36.3563, 87.9236



80.3700, 18.5516, -70.4845

Square

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



73.7450, -36.3563, 87.9236



63.3960, -31.2542, -55.5983



86.7540, 43.0123, -76.0833



90.2400, 43.2657, 29.6075

Rectangle

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



73.7450, -36.3563, 87.9236



84.5130, -41.6649, 17.0901



86.7540, 43.0123, -76.0833



81.2210, 64.9670, -71.2308

Sweetspot

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



73.7450, -36.3563, 87.9236



187.5500, -14.0751, 34.5977



67.8720, 35.0661, 93.0743



90.8410, -8.7956, 21.1874



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



73.7450, -36.3563, 87.9236



96.0490, -47.3522, 114.8440



123.6400, -60.9545, 44.1657



81.8650, -1.9054, 4.5034



63.6340, -31.3716, 75.7430



9.8120, -4.8373, 11.5659

Inverse Universe

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



100.2550, 36.3563, -87.9236



130.9510, 47.3522, -114.8440



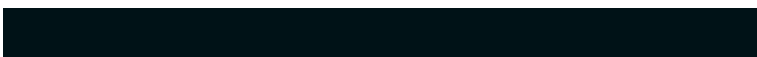
50.3600, 60.9545, -44.1657



83.1350, 1.9054, -4.5034



86.3660, 31.3716, -75.7430



13.1880, 4.8373, -11.5659

Previews

White Background



This preview shows how the YUV color 73.7450, -36.3563, 87.9236 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 73.7450, -36.3563, 87.9236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

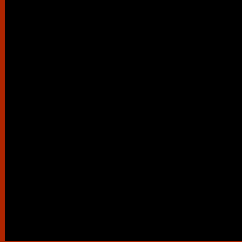
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.7450, -36.3563, 87.9236

Background



This preview shows how black text looks on a background with the YUV color 73.7450, -36.3563, 87.9236.



This preview shows how white text looks on a background with the YUV color 73.7450, -36.3563,

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

87.1950, -32.6341, 13.8610

Deuteranopia

85.7530, -42.2762, 26.5266

Tritanopia

76.5610, -20.4896, 85.4540

Trichromacy



Protanomaly

82.3170, -34.1733, 40.9410

Deuteranomaly

81.4660, -40.1627, 48.7033

Tritanomaly

75.6660, -26.4573, 86.2389

Monochromacy



Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0550, -13.3381, 31.5238

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7450, -36.3563, 87.9236 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(174, 37, 0)` looks like.

```
.text, #text, p{  
    color:rgb(174, 37, 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(174, 37, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 37, 0) }
```

Border

The CSS property to change the border of an element to YUV 73.7450, -36.3563, 87.9236 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(174, 37, 0) }
```

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

```
.border{ border-color:rgb(174, 37, 0) }
```

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

Here you see how a box with a 4 pixel rgb(174, 37, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 37, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 37, 0);  
box-shadow:4px 4px 4px 4px rgb(174, 37, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 73.7450, -36.3563, 87.9236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 37, 0) }
```

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

```
.background{ background-color: rgb(174, 37,  
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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