

Converting Colors

YUV(73.0390, -36.0082,
22.7678)

Have a look what the booklet for
YUV(73.0390, -36.0082, 22.7678)
contains.

YUV(73.0390, -36.0082, 22.7678)	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(73.0390, -36.0082,
22.7678)**

Conversions

Conversions Part 1

Format	Color
Hex	634A00
RGB	99, 74, 0
RGB Percent	39%, 29%, 0%
CMY	0.6118, 0.7098, 1.0000
CMYK	0.00, 0.25, 1.00, 0.61
HSL	45°, 100%, 19%
HSV	45°, 100%, 39%
XYZ	7.5944, 7.5502, 1.0571
YIQ	73.0390, 38.6540, -17.7140

Conversions

Conversions Part 2

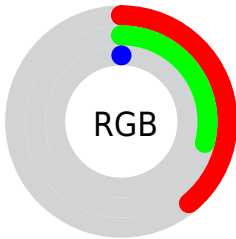
Format	Color
R_YB	33, 99, 0
Decimal	6507008
CIE Lab	33.03, 4.03, 41.87
CIE LCh	33, 42.059, 84.506
Yxy	7.5502, 0.4687, 0.4660
Android (android.graphics.Color)	4284697088 (0xFF634A00)
YUV	73.0390, -36.0082, 22.7678
Hunter-Lab	27.4776, 1.2486, 16.9535

Details

The YUV color **73.0390, -36.0082, 22.7678** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **25.9610, 36.0082, -22.7678**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.2890, -35.1455, 26.0565**, and **32.5490, -16.0467, 13.5505** is the 20% darker color. If you saturate the color by 10%, you get **73.0390, -36.0082, 22.7678**, and if you desaturate by 10%, it is **75.9400, -32.5084, 20.2236**.

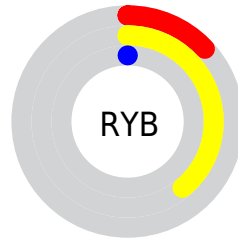
Distribution



Red (39%)

Green (29%)

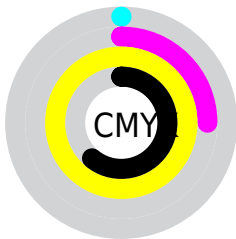
Blue (0%)



Red (13%)

Yellow (39%)

Blue (0%)

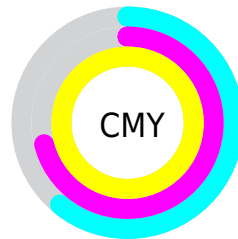


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (61%)



Cyan (61%)


Magenta (71%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 73.0390, -36.0082, 22.7678 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 73.0390, -36.0082, 22.7678 by changing the saturation by 10% instead.


 73.0390, -36.0082,
22.7678

 73.0390, -36.0082,
22.7678


 253.0620, -7.4256,
1.6996


 52.3510, -25.8090,
18.1092


 123.2890,
-35.1455, 26.0565

 32.5490, -16.0467,
13.5505


 150.0720,
-36.0245, 28.0009

 10.9860, -5.4161,
10.5363

 177.1430,
-37.0455, 28.8156

 0.0000, 0.0000,
0.0000


 204.9260,
-37.9245, 30.7599


 228.8110,
-36.8818, 22.9678


 246.6780,


-31.8863, 7.2984


 249.8700,
-19.6559, 4.4990


 73.0390, -36.0082,
22.7678

 75.9400, -32.5084,
20.2236

 78.2540, -28.7192,
18.1942

 81.1550, -25.2194,
15.6501

 83.4690, -21.4302,
13.6207

 86.3700, -17.9304,
11.0765

■ 88.5700, -14.5780,
9.1471

■ 91.4710, -11.0782,
6.6029

■ 93.7850, -7.2890,
4.5736

■ 96.6860, -3.7892,
2.0294

Harmonies

Analogous

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



74.6190, -25.4482, 42.4301



73.0390, -36.0082, 22.7678



70.0250, -31.5643, -2.6529

Triad

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



73.0390, -36.0082, 22.7678



66.4470, 18.5136, -58.2740



79.6980, 18.3899, 28.3289

Complementary

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



73.0390, -36.0082, 22.7678



25.9610, 36.0082, -22.7678

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.



76.8440, 30.1499, -10.3872



73.0390, -36.0082, 22.7678



67.7640, 31.1753, -59.4290

Square

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



73.0390, -36.0082, 22.7678



62.5710, 3.6625, -54.8748



65.1370, 38.8795, -57.1251



76.1710, 4.3527, 50.7160

Rectangle

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



73.0390, -36.0082, 22.7678



66.5800, -20.0059, -23.3107



65.1370, 38.8795, -57.1251



79.6580, 22.3536, 16.9629

Sweetspot

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



73.0390, -36.0082, 22.7678



117.6840, -14.1412, 9.0471



32.5650, -3.2365, 58.2635



57.8560, -8.3100, 5.3883



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



73.0390, -36.0082, 22.7678



94.0370, -46.3602, 29.7856



80.8370, -39.8526, -4.2420



46.9570, -1.4578, 0.9147



82.7960, -40.8184, 25.6119



176.8330, -87.1787, 55.3975

Inverse Universe

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



25.9610, 36.0082, -22.7678



33.3760, 46.6496, -29.2708



18.1630, 39.8526, 4.2420



45.0430, 1.4578, -0.9147



29.2040, 40.8184, -25.6119



63.1670, 87.1787, -55.3975

Previews

White Background



This preview shows how the YUV color 73.0390, -36.0082, 22.7678 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 73.0390, -36.0082, 22.7678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

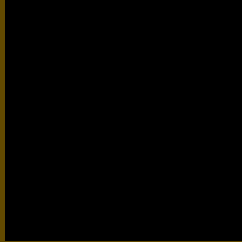
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.0390, -36.0082, 22.7678

Background



This preview shows how black text looks on a background with the YUV color 73.0390, -36.0082, 22.7678.



This preview shows how white text looks on a background with the YUV color 73.0390, -36.0082,

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

73.0390, -36.0082, 22.7678

Protanopia

72.6680, -33.3603, 13.4462

Tritanopia

79.7360, -2.8278, 20.4025

Trichromacy



Original Color

73.0390, -36.0082, 22.7678

Protanomaly

73.0490, -34.5342, 16.6200

Tritanomaly

77.5330, -15.0528, 21.4576

Monochromacy



Original Color

73.0390, -36.0082, 22.7678

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.6130, -13.1202, 8.2324

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.0390, -36.0082, 22.7678 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(99, 74, 0)` looks like.

```
.text, #text, p{  
    color:rgb(99, 74, 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(99, 74, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 74, 0) }
```

Border

The CSS property to change the border of an element to YUV 73.0390, -36.0082, 22.7678 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(99, 74, 0) }
```

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

```
.border{ border-color:rgb(99, 74, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 74, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 74, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 74, 0); box-shadow:4px  
4px 4px 4px rgb(99, 74, 0) }
```


Background

The CSS property to change the background color of an element to YUV 73.0390, -36.0082, 22.7678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 74, 0) }
```

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

```
.background{ background-color: rgb(99, 74,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor