

Converting Colors

YUV(74.8000, -36.8764,
21.2234)

Have a look what the booklet for
YUV(74.8000, -36.8764, 21.2234)
contains.

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Color

**YUV(74.8000, -36.8764,
21.2234)**

Conversions

Conversions Part 1

Format	Color
Hex	634D00
RGB	99, 77, 0
RGB Percent	39%, 30%, 0%
CMY	0.6118, 0.6980, 1.0000
CMYK	0.00, 0.22, 1.00, 0.61
HSL	47°, 100%, 19%
HSV	47°, 100%, 39%
XYZ	7.7995, 7.9604, 1.1254
YIQ	74.8000, 37.8290, -19.2830

Conversions

Conversions Part 2

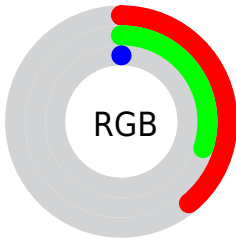
Format	Color
R_{YB}	28, 99, 0
Decimal	6507776
CIE _{Lab}	33.90, 2.19, 42.47
CIE _{LCh}	34, 42.525, 87.050
Yxy	7.9604, 0.4619, 0.4714
Android (android.graphics.Color)	4284697856 (0xFF634D00)
YUV	74.8000, -36.8764, 21.2234
Hunter-Lab	28.2142, -0.0307, 17.3849

Details

The YUV color **74.8000, -36.8764, 21.2234** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **24.2000, 36.8764, -21.2234**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.7510, -35.8662, 23.8974**, and **33.7230, -16.6254, 12.5209** is the 20% darker color. If you saturate the color by 10%, you get **74.8000, -36.8764, 21.2234**, and if you desaturate by 10%, it is **77.1140, -33.0872, 19.1940**.

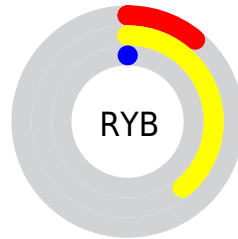
Distribution



Red (39%)

Green (30%)

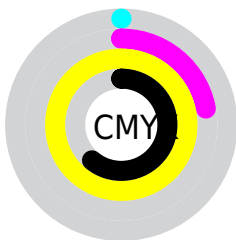
Blue (0%)



Red (11%)

Yellow (39%)

Blue (0%)

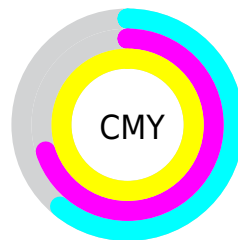


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8000, -36.8764, 21.2234 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 74.8000, -36.8764, 21.2234 by changing the saturation by 10% instead.

74.8000, -36.8764,
21.2234

74.8000, -36.8764,
21.2234

253.1760, -6.9888,
1.5996

53.8240, -26.5352,
17.6944

125.7510,
-35.8662, 23.8974

33.7230, -16.6254,
12.5209

151.6480,
-36.3085, 25.7417

13.9210, -6.8631,
7.9623

179.0180,
-37.4769, 27.1712

0.0000, 0.0000,
0.0000


206.8010,
-38.3559, 29.1155


231.2730,
-37.6026, 20.8086


246.7920,


-31.4495, 7.1984


 249.9840,
-19.2191, 4.3990


 74.8000, -36.8764,
21.2234

 77.1140, -33.0872,
19.1940

 79.4280, -29.2980,
17.1646

 82.3290, -25.7982,
14.6205

 84.6430, -22.0090,
12.5911

 86.9570, -18.2198,
10.5617

■ 89.1570, -14.8674,
8.6323

■ 91.4710, -11.0782,
6.6029

■ 94.3720, -7.5784,
4.0588

■ 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.



76.5650, -26.9005, 41.6005



74.8000, -36.8764, 21.2234



71.9430, -30.5379, -5.2120

Triad

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



74.8000, -36.8764, 21.2234



68.3050, 20.5556, -59.9035



81.7800, 17.3635, 30.8879

Complementary

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



74.8000, -36.8764, 21.2234



24.2000, 36.8764, -21.2234

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.



80.0510, 29.5549, -6.1837



74.8000, -36.8764, 21.2234



69.5080, 32.7806, -60.9585

Square

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



74.8000, -36.8764, 21.2234



64.3150, 5.2677, -56.4043



66.6530, 39.6111, -58.4547



77.6550, 3.6211, 52.0456

Rectangle

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



74.8000, -36.8764, 21.2234



67.9000, -18.6847, -27.0993



66.6530, 39.6111, -58.4547



82.1530, 21.6166, 20.0368

Sweetspot

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



74.8000, -36.8764, 21.2234



118.2710, -14.4306, 8.5323



32.2230, -4.5469, 58.5634



58.4430, -8.5994, 4.8735



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.



74.8000, -36.8764, 21.2234



96.3850, -47.5178, 27.7264



79.9400, -39.4104, -6.0864



46.9570, -1.4578, 0.9147



84.5570, -41.6866, 24.0675



180.9420, -89.2044, 51.7939

Inverse Universe

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



24.2000, 36.8764, -21.2234



31.0280, 47.8072, -27.2116



19.0600, 39.4104, 6.0864



45.0430, 1.4578, -0.9147



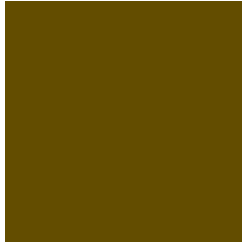
27.4430, 41.6866, -24.0675



58.4710, 89.4938, -51.2791

Previews

White Background



This preview shows how the YUV color 74.8000, -36.8764, 21.2234 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 74.8000, -36.8764, 21.2234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

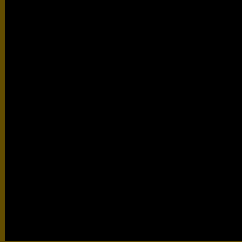
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8000, -36.8764, 21.2234

Background



This preview shows how black text looks on a background with the YUV color 74.8000, -36.8764, 21.2234.



This preview shows how white text looks on a background with the YUV color 74.8000, -36.8764,

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

74.8000, -36.8764, 21.2234

Protanopia

74.4400, -34.2339, 13.6461

Deuteranopia

75.3810, -34.6978, 22.4679



Tritanopia

81.8390, -2.3856, 18.5582

Trichromacy



Original Color

74.8000, -36.8764, 21.2234

Protanomaly

74.5220, -35.2603, 16.2052

Deuteranomaly

74.8540, -35.4240, 22.0530

Tritanomaly

79.5220, -15.0473, 19.7132

Monochromacy



Original Color

74.8000, -36.8764, 21.2234

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2000, -13.4096, 7.7176

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8000, -36.8764, 21.2234 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, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(99, 77, 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, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 77, 0) }
```

Border

The CSS property to change the border of an element to YUV 74.8000, -36.8764, 21.2234 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, 77, 0) }
```


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

```
.border{ border-color:rgb(99, 77, 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, 77, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 77, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 77, 0); box-shadow:4px  
4px 4px 4px rgb(99, 77, 0) }
```

Background

The CSS property to change the background color of an element to YUV 74.8000, -36.8764, 21.2234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 77, 0) }
```

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

```
.background{ background-color: rgb(99, 77,  
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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