

Converting Colors

YUV(74.3690, -36.1709,
75.0984)

Have a look what the booklet for
YUV(74.3690, -36.1709, 75.0984)
contains.

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Color

**YUV(74.3690, -36.1709,
75.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	A02D01
RGB	160, 45, 1
RGB Percent	63%, 18%, 0%
CMY	0.3725, 0.8235, 0.9961
CMYK	0.00, 0.72, 0.99, 0.37
HSL	17°, 99%, 32%
HSV	17°, 99%, 63%
XYZ	15.4411, 9.3525, 1.0201
YIQ	74.3690, 82.6640, 10.6960

Conversions

Conversions Part 2

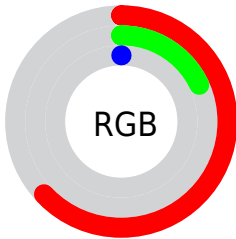
Format	Color
RYB	160, 62, 1
Decimal	10497281
CIELab	36.65, 45.87, 48.62
CIElCh	37, 66.841, 46.670
Yxy	9.3525, 0.5982, 0.3623
Android (android.graphics.Color)	4288687361 (0xFFA02D01)
YUV	74.3690, -36.1709, 75.0984
Hunter-Lab	30.5819, 36.6077, 19.4297

Details

The YUV color **74.3690, -36.1709, 75.0984** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **86.6310, 36.1709, -75.0984**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8320, -38.3712, 80.8313**, and **29.6010, -14.5933, 60.8629** is the 20% darker color. If you saturate the color by 10%, you get **73.6680, -36.3183, 75.7132**, and if you desaturate by 10%, it is **83.2370, -32.6548, 67.3212**.

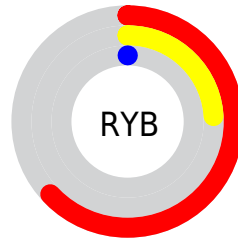
Distribution



Red (63%)

Green (18%)

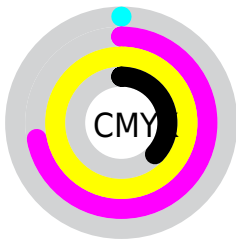
Blue (0%)



Red (63%)

Yellow (24%)

Blue (0%)

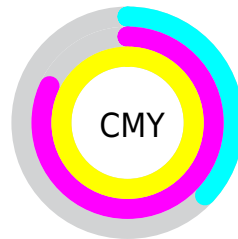


Cyan (0%)

Magenta (72%)

Yellow (99%)

Black (37%)



Cyan (37%)


Magenta (82%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 74.3690, -36.1709, 75.0984 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 74.3690, -36.1709, 75.0984 by changing the saturation by 10% instead.


 74.3690, -36.1709,
75.0984

 74.3690, -36.1709,
75.0984


 252.9480, -7.8624,
1.7996

 46.5010, -22.9250,
73.2286


 129.8320,
-38.3712, 80.8313


 29.6010, -14.5933,
60.8629

 157.9850,
-40.4186, 84.2052


 20.9300, -10.3185,
43.0344

 176.9830,
-37.4596, 68.4209

 13.2700, -6.0491,
26.9502


 196.3830,
-34.2058, 51.4071


 0.0000, 0.0000,
0.0000


 215.8970,
-30.5152, 34.2933


 235.9980,


-27.1140, 16.6648


 249.7560,
-20.0927, 4.5990


 74.3690, -36.1709,
75.0984

 74.3690, -36.1709,
75.0984


 73.6680, -36.3183,
75.7132

 83.2370, -32.6548,
67.3212

 91.5180, -28.8494,
60.0587

 100.3860,
-25.3333, 52.2815

 108.6670,
-21.5278, 45.0190

 117.5350,
-18.0118, 37.2418

■ 125.8160,
-14.2063, 29.9794

■ 134.6840,
-10.6902, 22.2021

■ 143.5520, -7.1741,
14.4249

■ 151.8330, -3.3687,
7.1625

Harmonies

Analogous

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



59.6490, -0.3200, 102.9168



74.3690, -36.1709, 75.0984



81.6990, -40.2776, 38.8520

Triad

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



74.3690, -36.1709, 75.0984



69.5350, -5.1938, -60.9822



70.4950, 59.4090, -61.8241

Complementary

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



74.3690, -36.1709, 75.0984



86.6310, 36.1709, -75.0984

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.



80.5880, 54.9261, -70.6757



74.3690, -36.1709, 75.0984



76.6200, 19.4143, -67.1957

Square

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



74.3690, -36.1709, 75.0984



59.8740, -29.5179, -52.5095



81.5050, 40.6700, -71.4799



86.2420, 36.8557, 32.2368

Rectangle

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



74.3690, -36.1709, 75.0984



80.3600, -39.6175, 13.7163



81.5050, 40.6700, -71.4799



75.0600, 59.1304, -65.8276

Sweetspot

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



74.3690, -36.1709, 75.0984



175.4030, -14.4957, 29.4646



61.8790, 27.6677, 86.0521



84.2320, -8.4954, 18.2135



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.



74.3690, -36.1709, 75.0984



96.5370, -47.5927, 98.6301



120.1550, -58.7434, 34.9441



74.5660, -1.7580, 3.8886



66.2370, -32.6548, 67.3212



6.8330, -3.3687, 7.1625

Inverse Universe

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



86.6310, 36.1709, -75.0984



112.4630, 47.5927, -98.6301



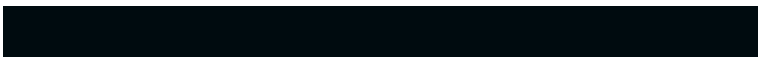
40.8450, 58.7434, -34.9441



75.4340, 1.7580, -3.8886



76.7630, 32.6548, -67.3212



8.1670, 3.3687, -7.1625

Previews

White Background



This preview shows how the YUV color 74.3690, -36.1709, 75.0984 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 74.3690, -36.1709, 75.0984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

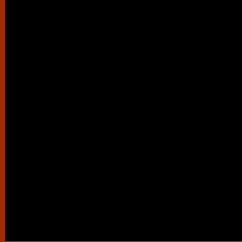
Any Text WCAG AA × Fail

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 74.3690, -36.1709, 75.0984 Background



This preview shows how black text looks on a background with the YUV color 74.3690, -36.1709, 75.0984.



This preview shows how white text looks on a background with the YUV color 74.3690, -36.1709,

75.0984.

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

74.3690, -36.1709, 75.0984

Protanopia

83.0100, -32.0499, 13.1462

Deuteranopia

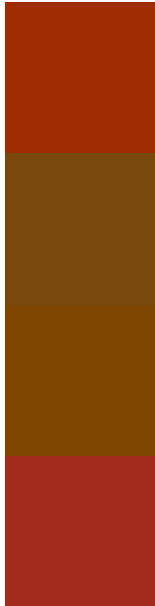
81.6110, -40.2342, 24.8972



Tritanopia

77.8090, -16.6678, 72.9585

Trichromacy



Original Color

74.3690, -36.1709, 75.0984

Protanomaly

79.8110, -33.4308, 36.1228

Deuteranomaly

78.7750, -38.8361, 43.1703

Tritanomaly

76.5720, -23.9460, 74.0434

Monochromacy



Original Color

74.3690, -36.1709, 75.0984

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 74.3690, -36.1709, 75.0984 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(160, 45, 1)` looks like.

```
.text, #text, p{  
    color:rgb(160, 45, 1)  
}
```

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(160, 45, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 45, 1) }
```

Border

The CSS property to change the border of an element to YUV 74.3690, -36.1709, 75.0984 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(160, 45, 1) }
```


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

```
.border{ border-color:rgb(160, 45, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 45, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 45, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 45, 1);  
box-shadow:4px 4px 4px 4px rgb(160, 45, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.3690, -36.1709, 75.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 45, 1) }
```

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

```
.background{ background-color: rgb(160, 45,  
1) }
```

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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