

Converting Colors

YUV(37.6490, 73.1370, 15.2168)

Have a look what the booklet for
YUV(37.6490, 73.1370, 15.2168)
contains.

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Color

**YUV(37.6490, 73.1370,
15.2168)**

Conversions

Conversions Part 1

Format	Color
Hex	3700BA
RGB	55, 0, 186
RGB Percent	22%, 0%, 73%
CMY	0.7843, 1.0000, 0.2706
CMYK	0.70, 1.00, 0.00, 0.27
HSL	258°, 100%, 36%
HSV	258°, 100%, 73%
XYZ	10.4385, 4.3574, 46.7453
YIQ	37.6490, -26.9260, 69.5060

Conversions

Conversions Part 2

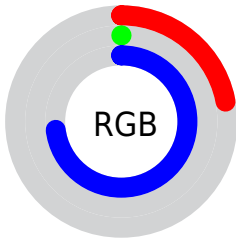
Format	Color
R _Y B	55, 0, 186
Decimal	3604666
CIE Lab	24.82, 63.50, -80.50
CIE LCh	25, 102.528, 308.267
Yxy	4.3574, 0.1696, 0.0708
Android (android.graphics.Color)	4281794746 (0xFF3700BA)
YUV	37.6490, 73.1370, 15.2168
Hunter-Lab	20.8744, 52.7308, -118.1597

Details

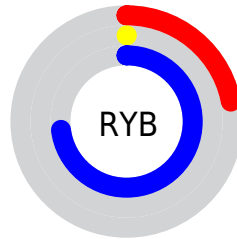
The YUV color **37.6490, 73.1370, 15.2168** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **148.3510, -73.1370, -15.2168**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.1610, 69.9266, 18.2758**, and **14.9340, 57.2205, -13.0971** is the 20% darker color. If you saturate the color by 10%, you get **37.6490, 73.1370, 15.2168**, and if you desaturate by 10%, it is **52.6890, 65.7223, 13.4277**.

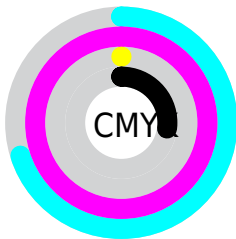
Distribution



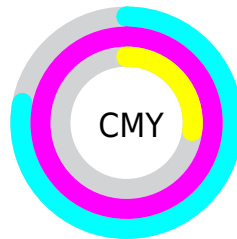
- Red (22%)
- Green (0%)
- Blue (73%)



- Red (22%)
- Yellow (0%)
- Blue (73%)



- Cyan (70%)
- Magenta (100%)
- Yellow (0%)
- Black (27%)



- Cyan (78%)
- Magenta (100%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.6490, 73.1370, 15.2168 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 37.6490, 73.1370, 15.2168 by changing the saturation by 10% instead.

■ 37.6490, 73.1370,
15.2168

■ 37.6490, 73.1370,
15.2168

255.0000, 0.0000,
0.0000

■ 18.0120, 69.0141,
-15.7965

■ 102.1610, 69.9266,
18.2758

■ 14.9340, 57.2205,
-13.0971

■ 128.5330, 62.3482,
22.3346

■ 11.9700, 45.8638,
-10.4977

■ 153.3520, 50.1125,
26.8783

■ 14.8760, 31.6131,
-13.0463

■ 178.4700, 37.7293,
32.0368

■ 9.3190, 23.0137,
-8.1728

■ 203.5880, 25.3461,
37.1953


■ 4.9360, 13.8356,
-4.3289

■ 223.3020, 15.6271,


■ 0.6840, 2.6208,


27.7991


-0.5999


 239.7380, 7.5242,
13.3848


 0.0000, 0.0000,
0.0000


 37.6490, 73.1370,
15.2168

 52.6890, 65.7223,
13.4277

 67.1420, 58.5970,
12.1535

 82.1820, 51.1823,
10.3644

 96.6350, 44.0569,
9.0901

 111.9740, 36.4948,
7.9158

■ 127.0140, 29.0801,
6.1267

■ 141.4670, 21.9548,
4.8524

■ 156.5070, 14.5400,
3.0634

■ 170.9600, 7.4147,
1.7891

Harmonies

Analogous

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



65.6970, 76.5644, -57.6163



37.6490, 73.1370, 15.2168



60.3950, 28.3993, 84.7226

Triad

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



37.6490, 73.1370, 15.2168



49.3590, -24.3340, 58.4442



57.2540, 11.2138, -50.2118

Complementary

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



37.6490, 73.1370, 15.2168



148.3510, -73.1370, -15.2168

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.



46.3730, -22.8619, -40.6691



37.6490, 73.1370, 15.2168



53.7140, -26.4810, 0.2508

Square

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



37.6490, 73.1370, 15.2168



47.5410, -23.4377, 97.7495



44.0250, -21.7043, -38.6099



67.2060, 44.2684, -58.9397

Rectangle

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



37.6490, 73.1370, 15.2168



60.6750, 3.6112, 102.0170



44.0250, -21.7043, -38.6099



53.5890, -0.2904, -46.9976

Sweetspot

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



37.6490, 73.1370, 15.2168



184.4870, 28.3539, 5.7119



99.2750, 42.7554, -87.0642



86.9030, 17.3028, 3.5931



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



37.6490, 73.1370, 15.2168



49.1160, 95.0918, 20.0693



64.8580, 59.7230, 71.1615



84.6240, 3.6364, 0.3298



31.5380, 61.3598, 12.6832



5.5840, 11.0511, 2.1188

Inverse Universe

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



70.5480, 29.8028, 101.2514



91.8520, 39.0200, 131.6798



121.1420, -59.7230, -71.1615



86.3750, 1.2941, 4.9331



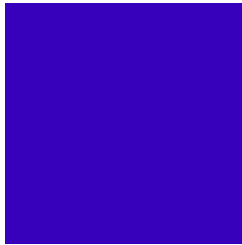
59.1840, 25.0523, 84.9076



10.6520, 4.6086, 15.2142

Previews

White Background



This preview shows how the YUV color 37.6490, 73.1370, 15.2168 looks on a white background.

Color Contrast Check

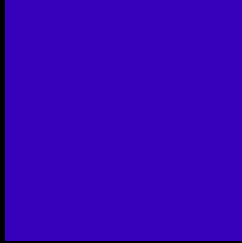
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.6490, 73.1370, 15.2168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

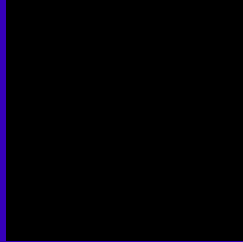
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.6490, 73.1370, 15.2168

Background



This preview shows how black text looks on a background with the YUV color 37.6490, 73.1370, 15.2168.



This preview shows how white text looks on a background with the YUV color 37.6490, 73.1370,

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

48.7690, 37.0889, -42.7704

Deuteranopia

49.0650, 28.0690, -43.0300

Tritanopia

48.1240, 11.7709, -42.2047

Trichromacy



Protanomaly

45.0440, 50.2643, -21.9636

Deuteranomaly

44.8500, 44.4440, -21.7934

Tritanomaly

44.1030, 33.9662, -21.1383

Monochromacy



Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.7320, 26.7541, 5.4970

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.6490, 73.1370, 15.2168 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(55, 0, 186)` looks like.

```
.text, #text, p{  
    color:rgb(55, 0, 186)  
}
```

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(55, 0, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 0, 186) }
```

Border

The CSS property to change the border of an element to YUV 37.6490, 73.1370, 15.2168 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(55, 0, 186) }
```

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

```
.border{ border-color:rgb(55, 0, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 0, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 0, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 0, 186);  
box-shadow:4px 4px 4px 4px rgb(55, 0, 186)  
}
```


Background

The CSS property to change the background color of an element to YUV 37.6490, 73.1370, 15.2168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 0, 186) }
```

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

```
.background{ background-color: rgb(55, 0,  
186) }
```

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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