

Converting Colors

YUV(63.3770, 21.9991, 37.3804)

Have a look what the booklet for
YUV(63.3770, 21.9991, 37.3804)
contains.

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Color

**YUV(63.3770, 21.9991,
37.3804)**

Conversions

Conversions Part 1

Format	Color
Hex	6A216C
RGB	106, 33, 108
RGB Percent	42%, 13%, 42%
CMY	0.5843, 0.8706, 0.5765
CMYK	0.02, 0.69, 0.00, 0.58
HSL	298°, 53%, 28%
HSV	298°, 69%, 42%
XYZ	9.1945, 5.2346, 14.7131
YIQ	63.3770, 19.4330, 38.8010

Conversions

Conversions Part 2

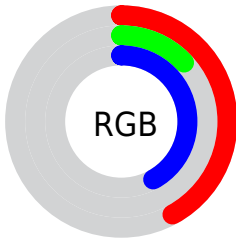
Format	Color
RYB	106, 33, 108
Decimal	6955372
CIELab	27.39, 42.49, -27.82
CIElCh	27, 50.783, 326.789
Yxy	5.2346, 0.3155, 0.1796
Android (android.graphics.Color)	4285145452 (0xFF6A216C)
YUV	63.3770, 21.9991, 37.3804
Hunter-Lab	22.8792, 31.6952, -22.1126

Details

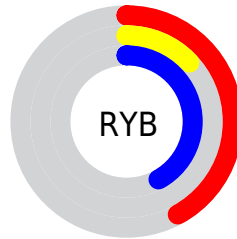
The YUV color **63.3770, 21.9991, 37.3804** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **77.6230, -21.9991, -37.3804**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.3880, 21.9937, 39.1247**, and **23.2850, 18.1005, 27.8141** is the 20% darker color. If you saturate the color by 10%, you get **56.9200, 25.1824, 43.0432**, and if you desaturate by 10%, it is **69.8340, 18.8158, 31.7176**.

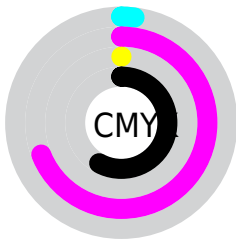
Distribution



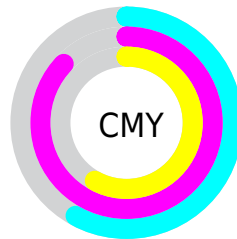
- Red (42%)
- Green (13%)
- Blue (42%)



- Red (42%)
- Yellow (13%)
- Blue (42%)



- Cyan (2%)
- Magenta (69%)
- Yellow (0%)
- Black (58%)



- Cyan (58%)
- Magenta (87%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.3770, 21.9991, 37.3804 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 63.3770, 21.9991, 37.3804 by changing the saturation by 10% instead.

63.3770, 21.9991,
37.3804

63.3770, 21.9991,
37.3804

255.0000, 0.0000,
0.0000

34.5560, 23.8829,
39.8544

115.3880, 21.9937,
39.1247

23.2850, 18.1005,
27.8141

141.8010, 22.2831,
39.6395

14.4980, 11.5865,
17.1033

168.9260, 22.7145,
41.2839

2.1830, 5.8258,
-1.9145

196.6380, 22.8565,
42.4135

0.0000, 0.0000,
0.0000

217.4320, 18.5210,
32.9471

233.8680, 10.4181,

18.5328

250.8910, 2.0257,
3.6036

63.3770, 21.9991,
37.3804

63.3770, 21.9991,
37.3804

56.9200, 25.1824,
43.0432

69.8340, 18.8158,
31.7176

50.1640, 28.5131,
48.0912

76.5900, 15.4851,
26.6696

44.2940, 31.4071,
53.2392

82.4600, 12.5912,
21.5216

43.7070, 31.6964,
53.7540

88.9170, 9.4079,
15.8588

95.3740, 6.2246,
10.1960

■ 102.1300, 2.8939,
5.1480

■ 108.5870, -0.2894,
-0.5148

■ 114.4570, -3.1833,
-5.6628

■ 121.2130, -6.5140,
-10.7108

Harmonies

Analogous

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



62.6140, 35.6863, -12.8165



63.3770, 21.9991, 37.3804



50.1870, 10.2608, 69.1190

Triad

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



63.3770, 21.9991, 37.3804



61.5100, -30.3244, 19.7237



58.8330, 19.8023, -51.5965

Complementary

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



63.3770, 21.9991, 37.3804



77.6230, -21.9991, -37.3804

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.



54.2730, 2.3304, -47.5974



63.3770, 21.9991, 37.3804



56.0180, -27.6169, -8.7858

Square

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



63.3770, 21.9991, 37.3804



59.3160, -29.2428, 46.2039



47.7240, -15.1469, -41.8539



61.1930, 33.9219, -53.6663

Rectangle

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



63.3770, 21.9991, 37.3804



50.1690, -2.5483, 70.8888



47.7240, -15.1469, -41.8539



57.3510, 14.1240, -50.2968

Sweetspot

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



63.3770, 21.9991, 37.3804



122.6780, 8.5397, 14.3144



43.3110, 31.8917, -9.0427



61.0210, 4.9196, 8.7516



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



63.3770, 21.9991, 37.3804



71.0110, 34.0116, 57.8724



59.9850, 6.4164, 42.1092



50.1790, 1.8838, 2.4740



47.4240, 34.3010, 58.3872



99.0920, 71.9326, 121.8223

Inverse Universe

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



55.6530, -10.1819, 45.9083



59.0260, -15.7888, 71.0142



81.0150, -6.4164, -42.1092



49.7940, -0.8844, 3.6887



35.3250, -15.9362, 71.6290



74.0530, -33.0571, 149.9205

Previews

White Background



This preview shows how the YUV color 63.3770, 21.9991, 37.3804 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

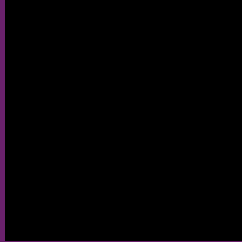
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.3770, 21.9991, 37.3804

Background



This preview shows how black text looks on a background with the YUV color 63.3770, 21.9991, 37.3804.



This preview shows how white text looks on a background with the YUV color 63.3770, 21.9991,

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

63.3770, 21.9991, 37.3804

Protanopia

52.3710, 40.7361, -45.9294

Deuteranopia

64.2380, 19.1097, -15.9947



Tritanopia

65.9930, -5.9125, 29.8241

Trichromacy



Original Color

63.3770, 21.9991, 37.3804

Protanomaly

56.4350, 33.8025, -15.2905

Deuteranomaly

64.0000, 20.2130, 3.5080

Tritanomaly

64.7620, 4.5543, 32.6577

Monochromacy



Original Color

63.3770, 21.9991, 37.3804

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1510, 7.8136, 13.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.3770, 21.9991, 37.3804 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(106, 33, 108)` looks like.

```
.text, #text, p{  
    color:rgb(106, 33, 108)  
}
```

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(106, 33, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 33, 108) }
```

Border

The CSS property to change the border of an element to YUV 63.3770, 21.9991, 37.3804 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(106, 33, 108) }
```


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

```
.border{ border-color:rgb(106, 33, 108) }
```

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

Here you see how a box with a 4 pixel rgb(106, 33, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 33, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 33, 108);  
box-shadow:4px 4px 4px 4px rgb(106, 33,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 63.3770, 21.9991, 37.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 33, 108) }
```

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

```
.background{ background-color: rgb(106, 33,  
108) }
```

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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