

Converting Colors

YUV(37.8370, 10.9264, 42.2390)

Have a look what the booklet for
YUV(37.8370, 10.9264, 42.2390)
contains.

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Color

**YUV(37.8370, 10.9264,
42.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	56093C
RGB	86, 9, 60
RGB Percent	34%, 4%, 24%
CMY	0.6627, 0.9647, 0.7647
CMYK	0.00, 0.90, 0.30, 0.66
HSL	320°, 81%, 19%
HSV	320°, 90%, 34%
XYZ	4.7510, 2.5001, 4.5071
YIQ	37.8370, 29.5210, 32.1850

Conversions

Conversions Part 2

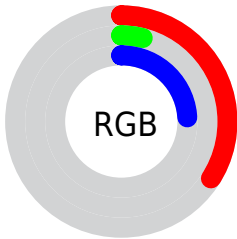
Format	Color
R_{YB}	86, 9, 60
Decimal	5638460
CIE _{Lab}	17.92, 37.98, -10.70
CIE _{LCh}	18, 39.462, 344.262
Yxy	2.5001, 0.4041, 0.2126
Android (android.graphics.Color)	4283828540 (0xFF56093C)
YUV	37.8370, 10.9264, 42.2390
Hunter-Lab	15.8116, 25.9654, -5.8326

Details

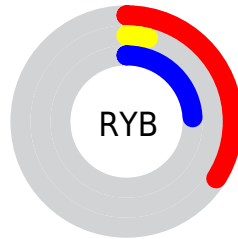
The YUV color **37.8370, 10.9264, 42.2390** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **57.1630, -10.9264, -42.2390**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.7400, 8.0162, 42.3240**, and **13.5990, 1.6767, 22.2767** is the 20% darker color. If you saturate the color by 10%, you get **32.2120, 12.2205, 47.1721**, and if you desaturate by 10%, it is **43.4620, 9.6322, 37.3058**.

Distribution



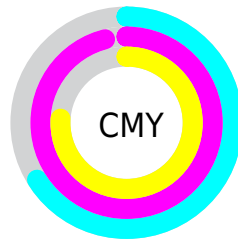
- Red (34%)
- Green (4%)
- Blue (24%)



- Red (34%)
- Yellow (4%)
- Blue (24%)



- Cyan (0%)
- Magenta (90%)
- Yellow (30%)
- Black (66%)





- Cyan (66%)
- Magenta (96%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 37.8370, 10.9264, 42.2390 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 37.8370, 10.9264, 42.2390 by changing the saturation by 10% instead.

 37.8370, 10.9264,
42.2390

 37.8370, 10.9264,
42.2390


 253.2390, 0.8682,
1.5444


 22.5710, 7.6065,
33.7022


 90.7400, 8.0162,
42.3240

 13.5990, 1.6767,
22.2767

 116.4520, 8.1582,
43.4536

 0.0000, 0.0000,
0.0000

 142.4630, 8.1527,
45.1979


 170.0610, 7.8579,
46.4275


 197.6590, 7.5631,
47.6571


 217.7110, 11.9745,

32.7025

 236.2160, 9.2605,
16.4736

 37.8370, 10.9264,
42.2390


 37.8370, 10.9264,
42.2390


 32.2120, 12.2205,
47.1721

 43.4620, 9.6322,
37.3058

 48.5000, 8.6275,
32.8875

 54.1250, 7.3334,
27.9544

 59.1630, 6.3286,
23.5360

 64.7880, 5.0345,
18.6029

■ 70.2990, 3.3036,
13.7698

■ 75.3370, 2.2989,
9.3515

■ 80.9620, 1.0047,
4.4183

■ 86.0000, 0.0000,
0.0000

Harmonies

Analogous

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



44.3650, 20.0331, 14.5889



37.8370, 10.9264, 42.2390



33.8030, -0.8889, 51.9158

Triad

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



37.8370, 10.9264, 42.2390



40.4460, -19.9399, 2.2399



41.7470, 20.3377, -36.6121

Complementary

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



37.8370, 10.9264, 42.2390



57.1630, -10.9264, -42.2390

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.



39.3700, 8.6916, -34.5275



37.8370, 10.9264, 42.2390



32.3180, -15.9328, -23.0809

Square

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



37.8370, 10.9264, 42.2390



41.7520, -20.5837, 22.1425



35.3630, -4.1230, -31.0134



41.2230, 28.4841, -36.1526

Rectangle

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



37.8370, 10.9264, 42.2390



37.3710, -12.5079, 45.2786



35.3630, -4.1230, -31.0134



41.4220, 16.5540, -36.3271

Sweetspot

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



37.8370, 10.9264, 42.2390



93.2500, 4.3137, 16.4438



25.5520, 29.8009, 8.2859



44.7500, 2.5882, 9.8663



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



37.8370, 10.9264, 42.2390



41.9240, 15.8135, 61.4567



33.5050, -5.6720, 46.0381



40.5380, 0.7208, 2.1592



40.0870, 15.2401, 58.6827



87.9350, 33.0630, 128.9760

Inverse Universe

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



37.8370, 10.9264, 42.2390



41.9240, 15.8135, 61.4567



61.4950, 5.6720, -46.0381



40.5380, 0.7208, 2.1592



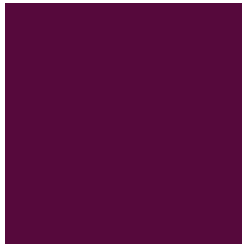
40.0870, 15.2401, 58.6827



87.9350, 33.0630, 128.9760

Previews

White Background



This preview shows how the YUV color 37.8370, 10.9264, 42.2390 looks on a white background.

Color Contrast Check

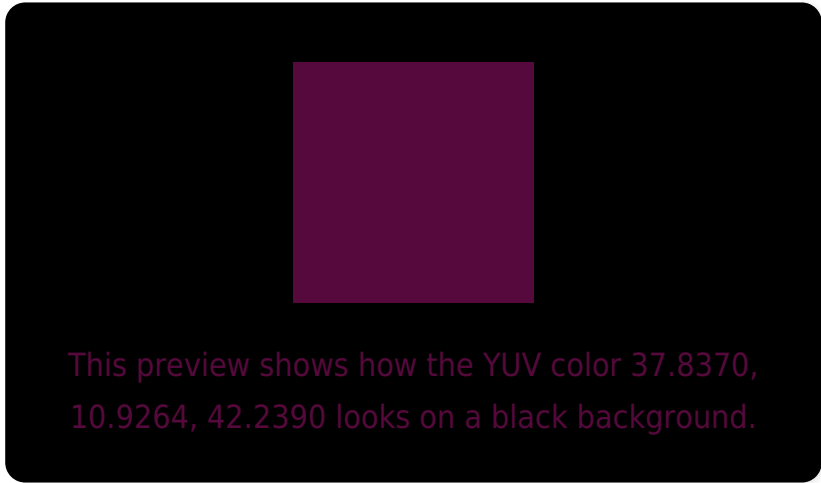
Large Text (above 18pt) WCAG AA ✓ Pass

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

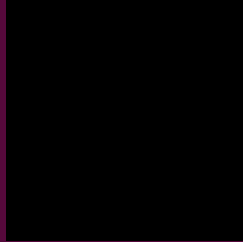
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.8370, 10.9264, 42.2390

Background



This preview shows how black text looks on a background with the YUV color 37.8370, 10.9264, 42.2390.



This preview shows how white text looks on a background with the YUV color 37.8370, 10.9264,

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

37.8370, 10.9264, 42.2390

Protanopia

44.3630, 19.5410, -14.3504

Deuteranopia

47.1400, 4.3680, -0.9998



Tritanopia

42.7550, -8.2602, 36.1719

Trichromacy



Original Color

37.8370, 10.9264, 42.2390

Protanomaly

41.9850, 16.2764, 6.1522

Deuteranomaly

44.1080, 6.3558, 14.8143

Tritanomaly

40.9000, -1.4297, 38.6757

Monochromacy



Original Color

37.8370, 10.9264, 42.2390

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.5380, 4.1718, 15.3142

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.8370, 10.9264, 42.2390 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(86, 9, 60)` looks like.

```
.text, #text, p{  
    color:rgb(86, 9, 60)  
}
```

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(86, 9, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 9, 60) }
```

Border

The CSS property to change the border of an element to YUV 37.8370, 10.9264, 42.2390 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(86, 9, 60) }
```


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

```
.border{ border-color:rgb(86, 9, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 9, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 9, 60); -webkit-box-shadow:4px  
4px 4px 4px rgb(86, 9, 60); box-shadow:4px  
4px 4px 4px rgb(86, 9, 60) }
```

Background

The CSS property to change the background color of an element to YUV 37.8370, 10.9264, 42.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 9, 60) }
```

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

```
.background{ background-color: rgb(86, 9,  
60) }
```

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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