

Converting Colors

YUV(49.9810, 12.3344, 10.5407)

Have a look what the booklet for
YUV(49.9810, 12.3344, 10.5407)
contains.

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Color

**YUV(49.9810, 12.3344,
10.5407)**

Conversions

Conversions Part 1

Format	Color
Hex	3E274B
RGB	62, 39, 75
RGB Percent	24%, 15%, 29%
CMY	0.7569, 0.8471, 0.7059
CMYK	0.17, 0.48, 0.00, 0.71
HSL	278°, 32%, 22%
HSV	278°, 48%, 29%
XYZ	3.9821, 2.9832, 7.0225
YIQ	49.9810, 2.1520, 16.0720

Conversions

Conversions Part 2

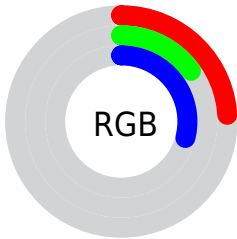
Format	Color
R_{YB}	62, 39, 75
Decimal	4073291
CIE _{Lab}	19.98, 18.59, -18.18
CIE _{LCh}	20, 25.999, 315.638
Yxy	2.9832, 0.2847, 0.2133
Android (android.graphics.Color)	4282263371 (0xFF3E274B)
YUV	49.9810, 12.3344, 10.5407
Hunter-Lab	17.2719, 10.9284, -12.0163

Details

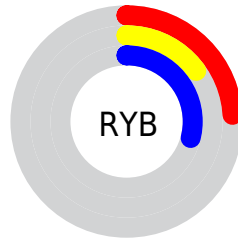
The YUV color **49.9810, 12.3344, 10.5407** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **64.0190, -12.3344, -10.5407**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.9210, 13.3499, 11.4703**, and **10.1120, 10.2978, 10.4258** is the 20% darker color. If you saturate the color by 10%, you get **44.9750, 14.8023, 12.2999**, and if you desaturate by 10%, it is **55.5740, 9.5770, 8.2666**.

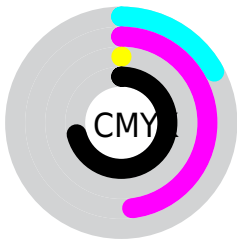
Distribution



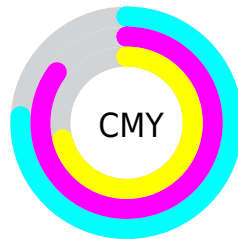
- Red (24%)
- Green (15%)
- Blue (29%)



- Red (24%)
- Yellow (15%)
- Blue (29%)



- Cyan (17%)
- Magenta (48%)
- Yellow (0%)
- Black (71%)



- Cyan (76%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.9810, 12.3344, 10.5407 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 49.9810, 12.3344, 10.5407 by changing the saturation by 10% instead.

■ 49.9810, 12.3344,
10.5407

■ 49.9810, 12.3344,
10.5407

■ 255.0000, 0.0000,
0.0000

■ 28.1550, 11.7556,
9.5111

■ 96.9210, 13.3499,
11.4703

■ 10.1120, 10.2978,
10.4258

■ 121.7470, 13.9287,
12.4999

■ 0.2280, 0.8736,
-0.2000

■ 148.1600, 14.2181,
13.0147

■ 0.0000, 0.0000,
0.0000

■ 174.5730, 14.5075,
13.5295

■ 201.9860, 14.7969,
14.0443

■ 229.4160, 12.6129,

14.5442

248.5430, 3.1833,
5.6628

49.9810, 12.3344,
10.5407

49.9810, 12.3344,
10.5407

44.9750, 14.8023,
12.2999

55.5740, 9.5770,
8.2666

39.6810, 17.4123,
15.1888

60.2810, 7.2565,
5.8926

34.0880, 20.1696,
17.4628

65.8740, 4.4991,
3.6185

29.0820, 22.6376,
19.2221

70.8800, 2.0312,
1.8592

24.0760, 25.1055,
20.9813

76.4730, -0.7262,
-0.4148

■ 22.9020, 25.6843,
22.0109

■ 81.1800, -3.0467,
-2.7889

■ 86.7730, -5.8041,
-5.0629

■ 91.7790, -8.2720,
-6.8222

■ 97.0730, -10.8820,
-9.7110

Harmonies

Analogous

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



46.8470, 18.8094, -13.0208



49.9810, 12.3344, 10.5407



48.7180, 4.5760, 25.6803

Triad

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



49.9810, 12.3344, 10.5407



46.4740, -18.9677, 17.1243



40.6580, 8.5496, -35.6571

Complementary

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



49.9810, 12.3344, 10.5407



64.0190, -12.3344, -10.5407

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.



37.7910, 0.1030, -33.1427



49.9810, 12.3344, 10.5407



44.7990, -18.6349, 3.6843

Square

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



49.9810, 12.3344, 10.5407



47.5490, -12.5957, 26.7055



42.6380, -11.1605, -13.7145



41.4220, 16.5540, -36.3271

Rectangle

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



49.9810, 12.3344, 10.5407



48.1440, -1.5500, 30.5687



42.6380, -11.1605, -13.7145



39.2730, 5.7814, -34.4424

Sweetspot

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



49.9810, 12.3344, 10.5407



87.2870, 4.7885, 4.1333



50.7350, 11.9626, -10.2916



42.4070, 2.7573, 2.2741



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



49.9810, 12.3344, 10.5407



58.1480, 19.1540, 16.5332



53.2980, 8.2341, 19.0327



35.3530, 1.3050, 1.4444



31.0630, 34.9719, 29.7627



70.1730, 78.7947, 67.3773

Inverse Universe

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



51.2460, 0.3717, 20.8323



60.0240, 0.4812, 32.4280



60.7020, -8.2341, -19.0327



35.4240, 0.2840, 2.2592



34.7160, 1.1260, 59.0081



78.2320, 2.3506, 133.1005

Previews

White Background



This preview shows how the YUV color 49.9810, 12.3344, 10.5407 looks on a white background.

Color Contrast Check

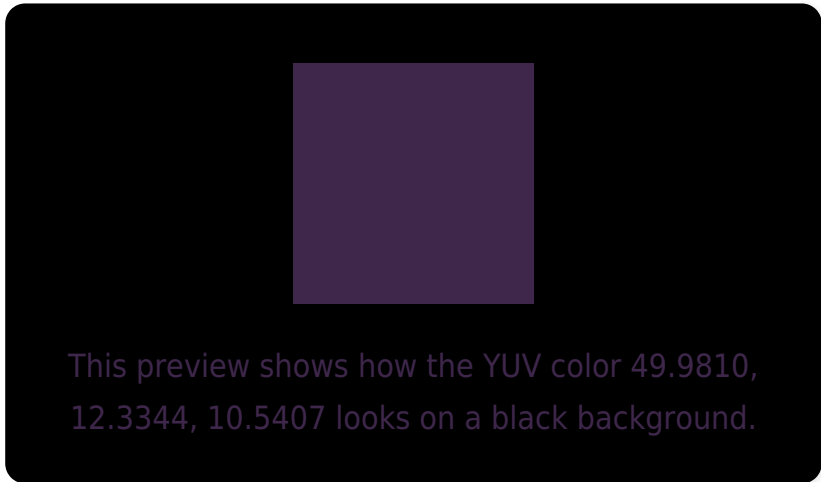
Large Text (above 18pt) WCAG AA ✓ Pass

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

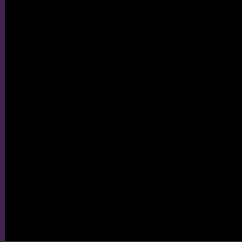
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.9810, 12.3344, 10.5407

Background



This preview shows how black text looks on a background with the YUV color 49.9810, 12.3344, 10.5407.



This preview shows how white text looks on a background with the YUV color 49.9810, 12.3344,

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

49.9810, 12.3344, 10.5407

Protanopia

47.8040, 17.3516, -12.1061

Deuteranopia

47.5610, 12.5414, -9.2620



Tritanopia

49.3430, -0.1691, 7.5922

Trichromacy



Original Color

49.9810, 12.3344, 10.5407

Protanomaly

48.6910, 15.4353, -4.1140

Deuteranomaly

48.6050, 12.5197, -2.2846

Tritanomaly

49.4940, 4.1935, 8.3368

Monochromacy



Original Color

49.9810, 12.3344, 10.5407

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.8740, 4.4991, 3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.9810, 12.3344, 10.5407 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(62, 39, 75)` looks like.

```
.text, #text, p{  
    color:rgb(62, 39, 75)  
}
```

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(62, 39, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 39, 75) }
```

Border

The CSS property to change the border of an element to YUV 49.9810, 12.3344, 10.5407 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(62, 39, 75) }
```


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

```
.border{ border-color:rgb(62, 39, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 39, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 39, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 39, 75);  
box-shadow:4px 4px 4px 4px rgb(62, 39, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.9810, 12.3344, 10.5407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 39, 75) }
```

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

```
.background{ background-color: rgb(62, 39,  
75) }
```

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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