

Converting Colors

YUV(49.9370, 12.3561, 3.5633)

Have a look what the booklet for
YUV(49.9370, 12.3561, 3.5633)
contains.

YUV(49.9370, 12.3561, 3.5633)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(49.9370, 12.3561,
3.5633)**

Conversions

Conversions Part 1

Format	Color
Hex	362B4B
RGB	54, 43, 75
RGB Percent	21%, 17%, 29%
CMY	0.7882, 0.8314, 0.7059
CMYK	0.28, 0.43, 0.00, 0.71
HSL	261°, 27%, 23%
HSV	261°, 43%, 29%
XYZ	3.6552, 3.0200, 7.0469
YIQ	49.9370, -3.7160, 12.2840

Conversions

Conversions Part 2

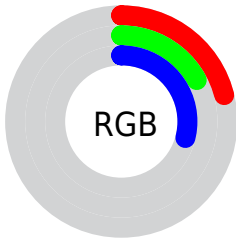
Format	Color
R _Y B	54, 43, 75
Decimal	3550027
CIE Lab	20.12, 13.06, -18.02
CIE LCh	20, 22.254, 305.945
Yxy	3.0200, 0.2664, 0.2201
Android (android.graphics.Color)	4281740107 (0xFF362B4B)
YUV	49.9370, 12.3561, 3.5633
Hunter-Lab	17.3782, 7.1324, -11.8774

Details

The YUV color **49.9370, 12.3561, 3.5633** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **68.0630, -12.3561, -3.5633**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.8770, 13.3716, 4.4929**, and **7.4210, 11.6244, 4.8928** is the 20% darker color. If you saturate the color by 10%, you get **44.3330, 15.1188, 4.0930**, and if you desaturate by 10%, it is **56.1280, 9.3039, 2.5187**.

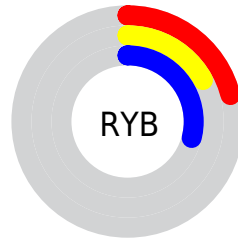
Distribution



 Red (21%)

 Green (17%)

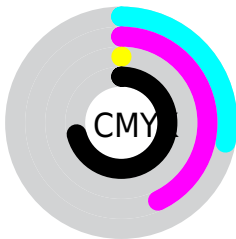
 Blue (29%)




 Red (21%)

 Yellow (17%)

 Blue (29%)

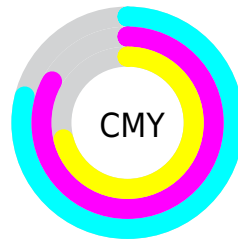


 Cyan (28%)


 Magenta (43%)

 Yellow (0%)

 Black (71%)



 Cyan (79%)

 Magenta (83%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.9370, 12.3561, 3.5633 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 49.9370, 12.3561, 3.5633 by changing the saturation by 10% instead.

■ 49.9370, 12.3561,
3.5633

■ 49.9370, 12.3561,
3.5633

■ 255.0000, 0.0000,
0.0000

■ 28.4100, 11.6299,
3.1484

■ 96.8770, 13.3716,
4.4929

■ 7.4210, 11.6244,
4.8928

■ 121.4040, 14.0978,
4.9077

■ 0.2280, 0.8736,
-0.2000

■ 147.5180, 14.5346,
4.8077

■ 0.0000, 0.0000,
0.0000

■ 173.9310, 14.8240,
5.3225

■ 201.3440, 15.1134,
5.8373

■ 228.7740, 12.9294,

6.3372

250.8910, 2.0257,
3.6036

49.9370, 12.3561,
3.5633

49.9370, 12.3561,
3.5633

44.3330, 15.1188,
4.0930

56.1280, 9.3039,
2.5187

38.1420, 18.1710,
5.1375

61.7320, 6.5411,
1.9890

32.5380, 20.9338,
5.6672

67.9230, 3.4890,
0.9445

26.3470, 23.9859,
6.7117

73.5270, 0.7262,
0.4148

20.7430, 26.7487,
7.2414

79.7180, -2.3260,
-0.6297

■ 16.3240, 28.9273,
8.4859

■ 85.3220, -5.0887,
-1.1594

■ 91.2140, -7.9935,
-2.8187

■ 96.8180, -10.7563,
-3.3484

■ 103.0090,
-13.8084, -4.3929

Harmonies

Analogous

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



45.4720, 17.5153, -17.9539



49.9370, 12.3561, 3.5633



50.0160, 5.9081, 18.4030

Triad

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



49.9370, 12.3561, 3.5633



48.0380, -14.3157, 18.3837



39.2730, 5.7814, -34.4424

Complementary

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



49.9370, 12.3561, 3.5633



68.0630, -12.3561, -3.5633

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.



41.0480, -2.9817, -23.7211



49.9370, 12.3561, 3.5633



46.9180, -15.7356, 7.0879

Square

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



49.9370, 12.3561, 3.5633



48.1620, -8.9539, 25.2909



44.8670, -11.7664, -6.0224



40.5100, 13.0596, -35.5273

Rectangle

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



49.9370, 12.3561, 3.5633



49.3820, 0.7977, 24.2210



44.8670, -11.7664, -6.0224



38.7030, 3.5974, -33.9425

Sweetspot

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



49.9370, 12.3561, 3.5633



86.9770, 4.9413, 1.7742



58.9750, 7.9003, -14.0101



42.3960, 2.7628, 0.5297



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.



49.9370, 12.3561, 3.5633



57.7830, 19.3340, 5.4523



54.7210, 9.9975, 13.3997



35.0540, 1.4524, 0.8296



22.0930, 39.3942, 11.3194



49.8410, 88.8184, 25.5724

Inverse Universe

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



54.9620, 4.4557, 17.5733



65.7120, 7.0440, 27.4396



63.2790, -9.9975, -13.3997



35.5380, 0.7208, 2.1592



38.1360, 14.2300, 56.0087



85.9840, 32.0529, 126.3020

Previews

White Background



This preview shows how the YUV color 49.9370, 12.3561, 3.5633 looks on a white background.

Color Contrast Check

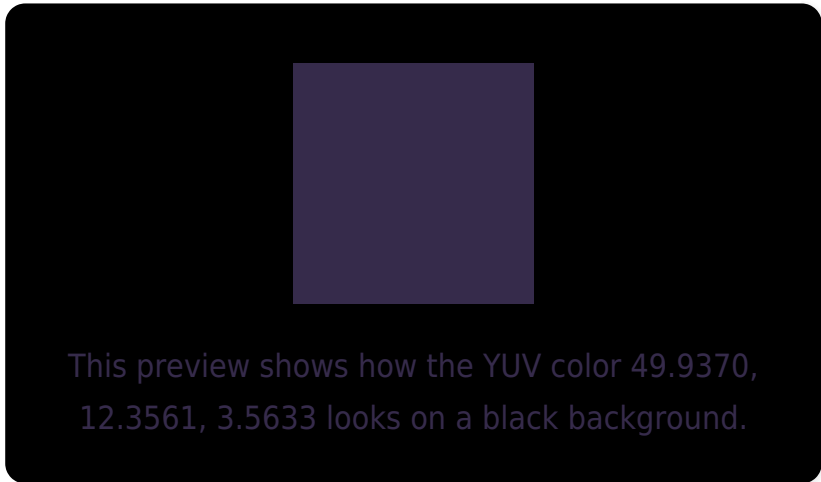
Large Text (above 18pt) WCAG AA ✓ Pass

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

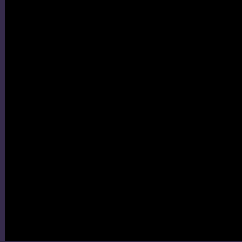
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.9370, 12.3561, 3.5633

Background



This preview shows how black text looks on a background with the YUV color 49.9370, 12.3561, 3.5633.



This preview shows how white text looks on a background with the YUV color 49.9370, 12.3561,

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

49.9370, 12.3561, 3.5633

Protanopia

47.9460, 15.3096, -10.4766

Deuteranopia

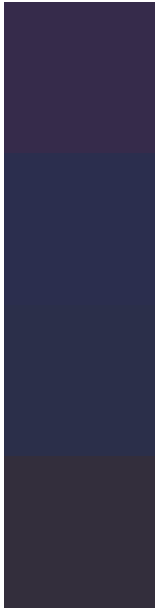
48.2620, 12.6888, -9.8768



Tritanopia

49.0540, 1.4524, 0.8296

Trichromacy



Original Color

49.9370, 12.3561, 3.5633

Protanomaly

48.7510, 14.4198, -5.0436

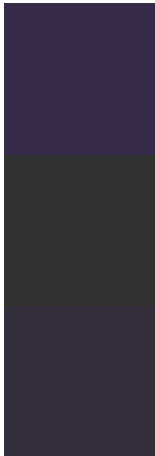
Deuteranomaly

48.8820, 12.3832, -5.1585

Tritanomaly

49.0910, 5.3781, 1.6742

Monochromacy



Original Color

49.9370, 12.3561, 3.5633

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.5640, 4.6519, 1.2594

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.9370, 12.3561, 3.5633 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(54, 43, 75)` looks like.

```
.text, #text, p{  
    color:rgb(54, 43, 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(54, 43, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 43, 75) }
```

Border

The CSS property to change the border of an element to YUV 49.9370, 12.3561, 3.5633 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(54, 43, 75) }
```


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

```
.border{ border-color:rgb(54, 43, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 43, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 43, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 43, 75);  
box-shadow:4px 4px 4px 4px rgb(54, 43, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.9370, 12.3561, 3.5633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 43, 75) }
```

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

```
.background{ background-color: rgb(54, 43,  
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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