

Converting Colors

YUV(52.8370, 4.0244, 15.9290)

Have a look what the booklet for
YUV(52.8370, 4.0244, 15.9290)
contains.

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Color

**YUV(52.8370, 4.0244,
15.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	472A3D
RGB	71, 42, 61
RGB Percent	28%, 16%, 24%
CMY	0.7216, 0.8353, 0.7608
CMYK	0.00, 0.41, 0.14, 0.72
HSL	321°, 26%, 22%
HSV	321°, 41%, 28%
XYZ	4.2688, 3.3324, 4.8331
YIQ	52.8370, 11.1850, 12.0570

Conversions

Conversions Part 2

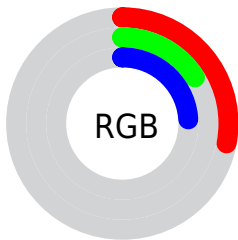
Format	Color
R_{YB}	71, 42, 61
Decimal	4663869
CIE Lab	21.33, 16.83, -6.45
CIE LCh	21, 18.024, 339.018
Yxy	3.3324, 0.3433, 0.2680
Android (android.graphics.Color)	4282853949 (0xFF472A3D)
YUV	52.8370, 4.0244, 15.9290
Hunter-Lab	18.2550, 9.7948, -2.9189

Details

The YUV color **52.8370, 4.0244, 15.9290** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60.1630, -4.0244, -15.9290**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.8480, 4.0189, 17.6733**, and **10.8370, 4.0244, 15.9290** is the 20% darker color. If you saturate the color by 10%, you get **48.5000, 5.1765, 19.7325**, and if you desaturate by 10%, it is **57.1740, 2.8722, 12.1254**.

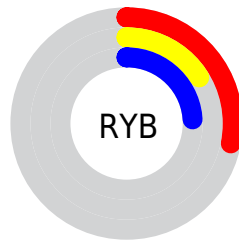
Distribution



Red (28%)

Green (16%)

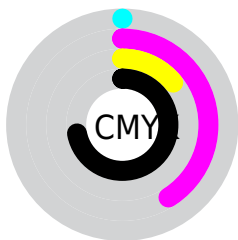
Blue (24%)



Red (28%)

Yellow (16%)

Blue (24%)

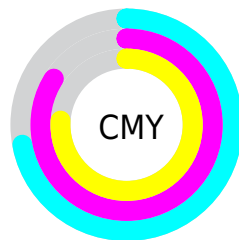


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (72%)



Cyan (72%)

Magenta (84%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.8370, 4.0244, 15.9290 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 52.8370, 4.0244, 15.9290 by changing the saturation by 10% instead.

■ 52.8370, 4.0244,
15.9290

■ 52.8370, 4.0244,
15.9290

■ 255.0000, 0.0000,
0.0000

■ 31.1250, 3.8824,
14.7994

■ 99.8480, 4.0189,
17.6733

■ 10.8370, 4.0244,
15.9290

■ 125.2610, 4.3083,
18.1881

■ 0.0000, 0.0000,
0.0000

■ 150.9730, 4.4503,
19.3177

■ 177.9730, 4.4503,
19.3177

■ 205.6850, 4.5923,
20.4473

■ 233.0870, 4.8871,

19.2177

250.8910, 2.0257,
3.6036

52.8370, 4.0244,
15.9290

52.8370, 4.0244,
15.9290

48.5000, 5.1765,
19.7325

57.1740, 2.8722,
12.1254

44.0490, 5.8918,
23.6360

61.6250, 2.1569,
8.2219

39.7120, 7.0440,
27.4396

65.9620, 1.0047,
4.4183

35.2610, 7.7593,
31.3431

70.4130, 0.2894,
0.5148

30.3370, 9.2009,
35.6615

75.3370, -1.1521,
-3.8035

■ 26.5870, 10.0636,
38.9502

■ 79.7880, -1.8675,
-7.7071

■ 84.1250, -3.0196,
-11.5106

■ 88.5760, -3.7350,
-15.4142

■ 92.9130, -4.8871,
-19.2177

Harmonies

Analogous

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



52.5520, 9.5879, 4.7779



52.8370, 4.0244, 15.9290



52.5620, -2.2491, 21.4321

Triad

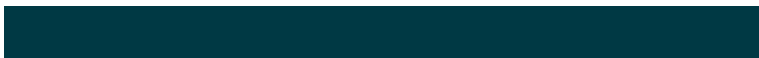
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.8370, 4.0244, 15.9290



50.0040, -12.8200, 5.2585



41.2110, 13.2070, -36.1420

Complementary

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



52.8370, 4.0244, 15.9290



60.1630, -4.0244, -15.9290

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.



40.6150, 7.0918, -34.7424



52.8370, 4.0244, 15.9290



47.9640, -8.8563, -6.1074

Square

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



52.8370, 4.0244, 15.9290



50.8850, -12.2683, 15.0099



45.3090, -2.1243, -18.6880



44.2380, 15.6587, -29.1497

Rectangle

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



52.8370, 4.0244, 15.9290



51.8240, -6.3222, 21.2024



45.3090, -2.1243, -18.6880



41.3420, 11.1704, -36.2569

Sweetspot

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



52.8370, 4.0244, 15.9290



85.0870, 1.4361, 6.0627



48.2960, 11.1931, 3.2484



41.6630, 1.1521, 3.8035



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



52.8370, 4.0244, 15.9290



63.7610, 6.0338, 24.7656



51.2410, -2.0908, 17.3286



33.4240, 0.2840, 2.2592



37.0110, 13.7986, 54.3644



84.8590, 31.6215, 124.6577

Inverse Universe

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



52.8370, 4.0244, 15.9290



63.7610, 6.0338, 24.7656



61.7590, 2.0908, -17.3286



33.4240, 0.2840, 2.2592



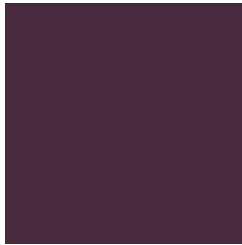
37.0110, 13.7986, 54.3644



84.8590, 31.6215, 124.6577

Previews

White Background



This preview shows how the YUV color 52.8370, 4.0244, 15.9290 looks on a white background.

Color Contrast Check

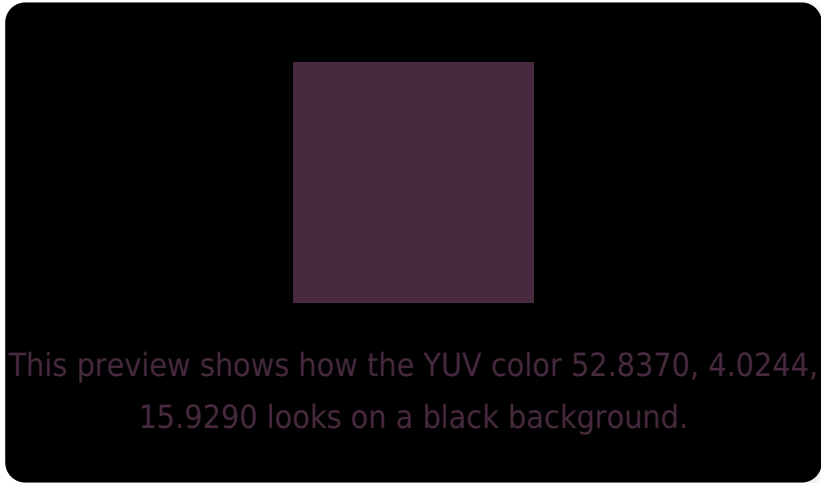
Large Text (above 18pt) WCAG AA ✓ Pass

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

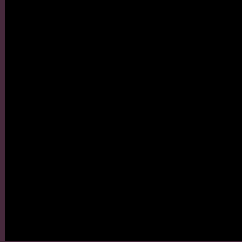
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.8370, 4.0244, 15.9290

Background



This preview shows how black text looks on a background with the YUV color 52.8370, 4.0244, 15.9290.



This preview shows how white text looks on a background with the YUV color 52.8370, 4.0244,

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

52.8370, 4.0244, 15.9290

Protanopia

51.6280, 7.5784, -4.0588

Deuteranopia

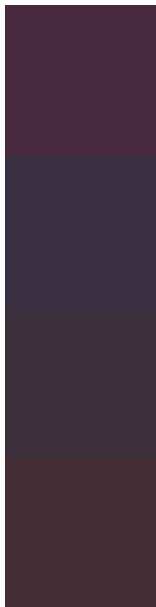
52.0370, 3.9258, 0.8446



Tritanopia

52.8170, -2.3748, 15.0695

Trichromacy



Original Color

52.8370, 4.0244, 15.9290

Protanomaly

52.3300, 6.2463, 3.2186

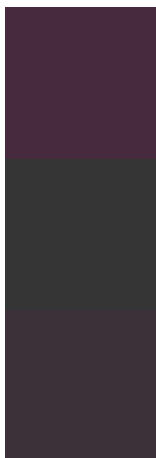
Deuteranomaly

52.3690, 3.7621, 6.6924

Tritanomaly

52.8000, 0.0986, 15.0844

Monochromacy



Original Color

52.8370, 4.0244, 15.9290

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8370, 4.0244, 15.9290 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(71, 42, 61)` looks like.

```
.text, #text, p{  
    color:rgb(71, 42, 61)  
}
```

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(71, 42, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 42, 61) }
```

Border

The CSS property to change the border of an element to YUV 52.8370, 4.0244, 15.9290 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(71, 42, 61) }
```


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

```
.border{ border-color:rgb(71, 42, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 42, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 42, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 42, 61);  
box-shadow:4px 4px 4px 4px rgb(71, 42, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.8370, 4.0244, 15.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 42, 61) }
```

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

```
.background{ background-color: rgb(71, 42,  
61) }
```

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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