

Converting Colors

YUV(72.8850, 4.4937, 5.3629)

Have a look what the booklet for
YUV(72.8850, 4.4937, 5.3629)
contains.

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Color

**YUV(72.8850, 4.4937,
5.3629)**

Conversions

Conversions Part 1

Format	Color
Hex	4F4452
RGB	79, 68, 82
RGB Percent	31%, 27%, 32%
CMY	0.6902, 0.7333, 0.6784
CMYK	0.04, 0.17, 0.00, 0.68
HSL	287°, 9%, 29%
HSV	287°, 17%, 32%
XYZ	6.8146, 6.4057, 8.8599
YIQ	72.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

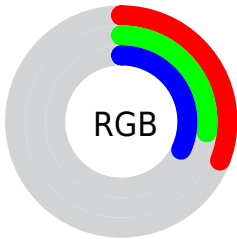
Format	Color
R_{YB}	79, 68, 82
Decimal	5194834
CIE Lab	30.41, 7.66, -6.64
CIE LCh	30, 10.137, 319.054
Yxy	6.4057, 0.3086, 0.2901
Android (android.graphics.Color)	4283384914 (0xFF4F4452)
YUV	72.8850, 4.4937, 5.3629
Hunter-Lab	25.3095, 3.7694, -3.0386

Details

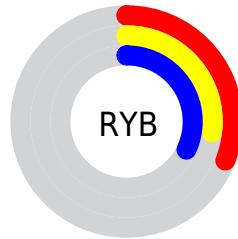
The YUV color **72.8850, 4.4937, 5.3629** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **77.1150, -4.4937, -5.3629**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2980, 4.7831, 5.8777**, and **29.3580, 3.7675, 4.9480** is the 20% darker color. If you saturate the color by 10%, you get **67.5910, 7.1036, 8.2517**, and if you desaturate by 10%, it is **78.1790, 1.8838, 2.4740**.

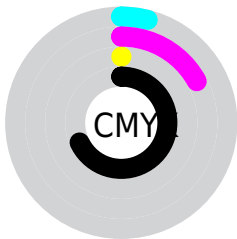
Distribution



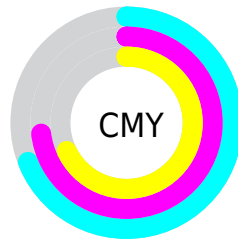
- Red (31%)
- Green (27%)
- Blue (32%)



- Red (31%)
- Yellow (27%)
- Blue (32%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (68%)



- Cyan (69%)
- Magenta (73%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8850, 4.4937, 5.3629 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 72.8850, 4.4937, 5.3629 by changing the saturation by 10% instead.

■ 72.8850, 4.4937,
5.3629

■ 72.8850, 4.4937,
5.3629

■ 255.0000, 0.0000,
0.0000

■ 50.4720, 4.2043,
4.8481

■ 121.2980, 4.7831,
5.8777

■ 29.3580, 3.7675,
4.9480

■ 147.2980, 4.7831,
5.8777

■ 5.8250, 5.5093,
6.2925

■ 173.7110, 5.0725,
6.3925

■ 0.0000, 0.0000,
0.0000

■ 201.1240, 5.3619,
6.9073

■ 229.1240, 5.3619,
6.9073

■ 253.2390, 0.8682,

1.5444

■ 72.8850, 4.4937,
5.3629

■ 72.8850, 4.4937,
5.3629

■ 67.5910, 7.1036,
8.2517

■ 78.1790, 1.8838,
2.4740

■ 62.2970, 9.7136,
11.1405

■ 83.4730, -0.7262,
-0.4148

■ 56.7150, 12.4655,
15.1589

■ 89.0550, -3.4781,
-4.4332

■ 51.4210, 15.0754,
18.0478

■ 94.3490, -6.0881,
-7.3221

■ 46.1270, 17.6854,
20.9366

■ 99.6430, -8.6980,
-10.2109

■ 40.8330, 20.2953,
23.8255

■ 104.9370,
-11.3079, -13.0997

■ 35.8380, 22.7579,
27.3291

■ 109.9320,
-13.7705, -16.6034

■ 29.9570, 25.6572,
30.7327

■ 115.8130,
-16.6698, -20.0070

■ 28.4840, 26.3834,
31.1475

■ 121.1070,
-19.2798, -22.8958

Harmonies

Analogous

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



72.1120, 6.8468, -2.7292



72.8850, 4.4937, 5.3629



73.0060, 0.9830, 11.3957

Triad

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



72.8850, 4.4937, 5.3629



71.3940, -7.5892, 7.5475



68.5250, 3.6852, -15.3694

Complementary

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



72.8850, 4.4937, 5.3629



77.1150, -4.4937, -5.3629

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.



68.8090, -0.3988, -12.1105



72.8850, 4.4937, 5.3629



70.8770, -6.8414, 0.9849

Square

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



72.8850, 4.4937, 5.3629



72.4700, -6.1477, 11.8658



69.8160, -4.3463, -5.9776



69.0350, 6.8847, -14.9397

Rectangle

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



72.8850, 4.4937, 5.3629



72.9200, -1.9326, 13.2252



69.8160, -4.3463, -5.9776



68.5960, 2.6642, -14.5547

Sweetspot

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



72.8850, 4.4937, 5.3629



103.7660, 1.5944, 1.9592



71.3570, 5.2470, -2.9441



51.3530, 1.3050, 1.4444



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



72.8850, 4.4937, 5.3629



93.4770, 6.6668, 8.3517



73.3260, 2.3043, 7.6071



38.3530, 1.3050, 1.4444



36.4880, 33.7764, 39.9140



80.8660, 74.5091, 88.6945

Inverse Universe

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



72.5280, -0.7533, 8.3069



92.7350, -1.3484, 12.5104



76.6740, -2.3043, -7.6071



38.3100, -0.1528, 2.3591



33.9030, -5.8682, 62.3521



75.0680, -12.3585, 137.6294

Previews

White Background



This preview shows how the YUV color 72.8850, 4.4937, 5.3629 looks on a white background.

Color Contrast Check

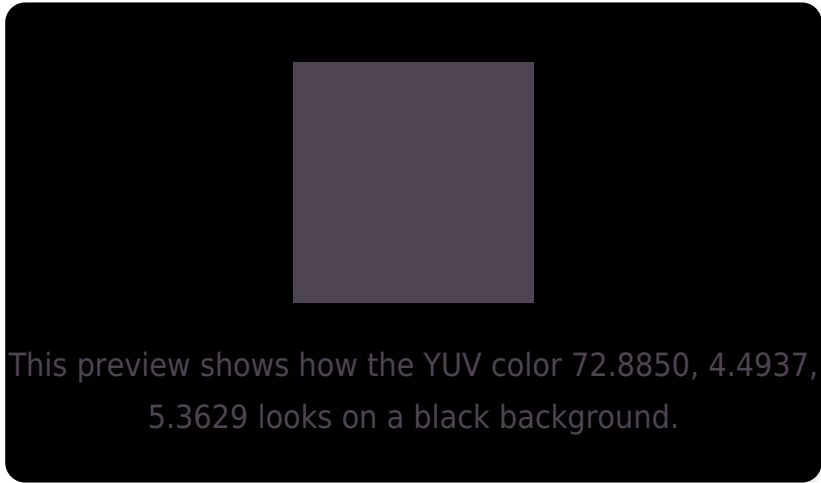
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.8850, 4.4937, 5.3629

Background



This preview shows how black text looks on a background with the YUV color 72.8850, 4.4937, 5.3629.

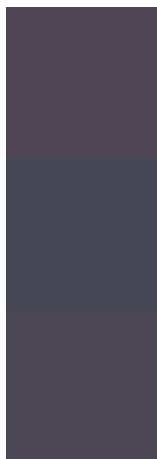


This preview shows how white text looks on a background with the YUV color 72.8850, 4.4937,

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

72.8850, 4.4937, 5.3629

Protanopia

71.8840, 5.9732, -2.5293

Deuteranopia

72.5640, 4.6519, 1.2594



Tritanopia

72.3750, 1.2941, 4.9331

Trichromacy



Original Color

72.8850, 4.4937, 5.3629

Protanomaly

72.3790, 5.2362, 0.5446

Deuteranomaly

72.5750, 4.6465, 3.0037

Tritanomaly

72.7170, 2.6045, 4.6332

Monochromacy



Original Color

72.8850, 4.4937, 5.3629

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.7660, 1.5944, 1.9592

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8850, 4.4937, 5.3629 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(79, 68, 82)` looks like.

```
.text, #text, p{  
    color:rgb(79, 68, 82)  
}
```

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(79, 68, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 68, 82) }
```

Border

The CSS property to change the border of an element to YUV 72.8850, 4.4937, 5.3629 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(79, 68, 82) }
```


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

```
.border{ border-color:rgb(79, 68, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 68, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 68, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 68, 82);  
box-shadow:4px 4px 4px 4px rgb(79, 68, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.8850, 4.4937, 5.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 68, 82) }
```

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

```
.background{ background-color: rgb(79, 68,  
82) }
```

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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