

Converting Colors

YUV(51.7330, 5.0616, 9.8812)

Have a look what the booklet for
YUV(51.7330, 5.0616, 9.8812)
contains.

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Color

**YUV(51.7330, 5.0616,
9.8812)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2C3E
RGB	63, 44, 62
RGB Percent	25%, 17%, 24%
CMY	0.7529, 0.8275, 0.7569
CMYK	0.00, 0.30, 0.02, 0.75
HSL	303°, 18%, 21%
HSV	303°, 30%, 25%
XYZ	3.8201, 3.2059, 4.9749
YIQ	51.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

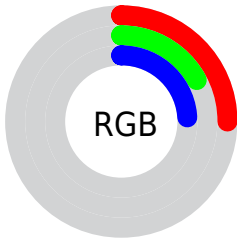
Format	Color
RYB	63, 44, 62
Decimal	4140094
CIELab	20.85, 12.43, -7.96
CIELCh	21, 14.764, 327.354
Yxy	3.2059, 0.3183, 0.2671
Android (android.graphics.Color)	4282330174 (0xFF3F2C3E)
YUV	51.7330, 5.0616, 9.8812
Hunter-Lab	17.9051, 6.7493, -3.9400

Details

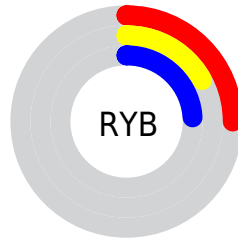
The YUV color **51.7330, 5.0616, 9.8812** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **55.2670, -5.0616, -9.8812**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.5590, 5.6404, 10.9108**, and **8.8580, 5.4930, 11.5255** is the 20% darker color. If you saturate the color by 10%, you get **48.2110, 6.7980, 12.9700**, and if you desaturate by 10%, it is **55.2550, 3.3253, 6.7924**.

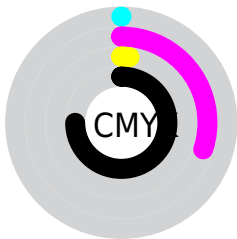
Distribution



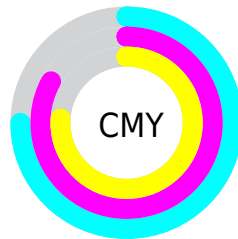
- Red (25%)
- Green (17%)
- Blue (24%)



- Red (25%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (75%)



- Cyan (75%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.7330, 5.0616, 9.8812 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 51.7330, 5.0616, 9.8812 by changing the saturation by 10% instead.

■ 51.7330, 5.0616,
9.8812

■ 51.7330, 5.0616,
9.8812

■ 255.0000, 0.0000,
0.0000

■ 30.3200, 4.7722,
9.3664

■ 98.5590, 5.6404,
10.9108

■ 8.8580, 5.4930,
11.5255

■ 122.9720, 5.9298,
11.4256

■ 0.0000, 0.0000,
0.0000

■ 149.2710, 5.7824,
12.0403

■ 175.6840, 6.0718,
12.5551

■ 203.6840, 6.0718,
12.5551

■ 231.0970, 6.3612,

13.0699

252.0650, 1.4470,
2.5740

51.7330, 5.0616,
9.8812

51.7330, 5.0616,
9.8812

48.2110, 6.7980,
12.9700

55.2550, 3.3253,
6.7924

43.9880, 8.3869,
16.6735

59.4780, 1.7363,
3.0888

40.4660, 10.1233,
19.7623

63.0000, 0.0000,
0.0000

36.9440, 11.8596,
22.8511

66.5220, -1.7363,
-3.0888

32.7210, 13.4485,
26.5547

70.7450, -3.3253,
-6.7924

■ 29.1990, 15.1849,
29.6435

■ 74.2670, -5.0616,
-9.8812

■ 25.6770, 16.9212,
32.7323

■ 77.7890, -6.7980,
-12.9700

■ 81.4250, -8.0975,
-16.1587

■ 85.5340, -10.1233,
-19.7623

Harmonies

Analogous

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



50.9920, 8.8779, -0.8700



51.7330, 5.0616, 9.8812



51.5120, 0.2406, 16.2140

Triad

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



51.7330, 5.0616, 9.8812



49.2970, -10.4994, 7.6325



43.0010, 8.3805, -28.0649

Complementary

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



51.7330, 5.0616, 9.8812



55.2670, -5.0616, -9.8812

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.



44.7370, 2.1017, -20.8173



51.7330, 5.0616, 9.8812



48.1110, -8.4357, -0.9743

Square

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



51.7330, 5.0616, 9.8812



50.0960, -8.9213, 14.8248



47.0820, -4.4774, -10.5959



44.5330, 11.5692, -24.1464

Rectangle

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



51.7330, 5.0616, 9.8812



51.1980, -3.5486, 18.2434



47.0820, -4.4774, -10.5959



43.1430, 6.3385, -26.4354

Sweetspot

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



51.7330, 5.0616, 9.8812



77.1900, 1.8783, 4.2184



46.4650, 8.1518, -1.2848



38.0650, 1.4470, 2.5740



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



51.7330, 5.0616, 9.8812



64.1620, 7.8081, 15.6439



50.7070, 1.1304, 10.7810



29.1250, 0.4314, 1.6444



38.2520, 25.0188, 48.8910



90.3180, 59.0032, 115.4851

Inverse Universe

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



51.7330, 5.0616, 9.8812



64.1620, 7.8081, 15.6439



56.2930, -1.1304, -10.7810



29.1250, 0.4314, 1.6444



38.2520, 25.0188, 48.8910



90.3180, 59.0032, 115.4851

Previews

White Background



This preview shows how the YUV color 51.7330, 5.0616, 9.8812 looks on a white background.

Color Contrast Check

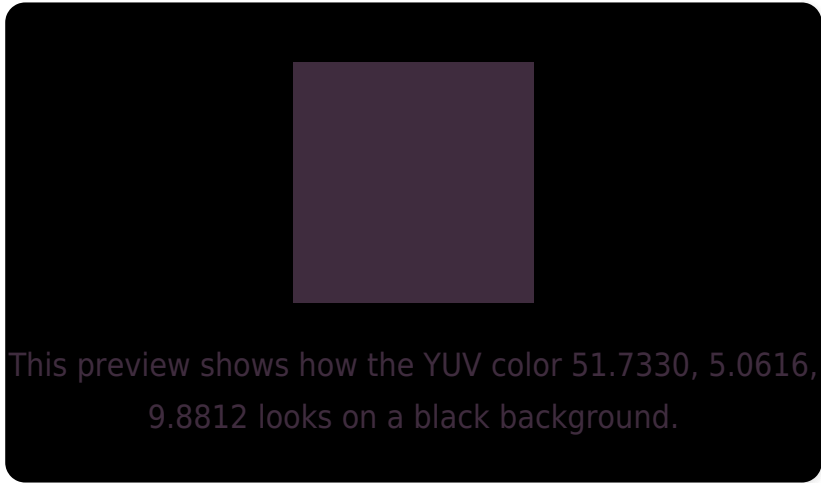
Large Text (above 18pt) WCAG AA ✓ Pass

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

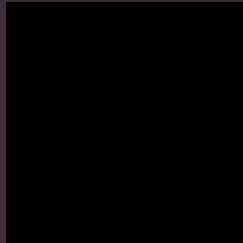
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.7330, 5.0616, 9.8812

Background



This preview shows how black text looks on a background with the YUV color 51.7330, 5.0616, 9.8812.



This preview shows how white text looks on a background with the YUV color 51.7330, 5.0616, 9.8812.

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

51.7330, 5.0616, 9.8812

Protanopia

50.6280, 7.5784, -4.0588

Deuteranopia

50.6670, 5.0942, -0.5850



Tritanopia

50.9410, -0.4639, 8.8217

Trichromacy



Original Color

51.7330, 5.0616, 9.8812

Protanomaly

51.1340, 6.8359, 0.7595

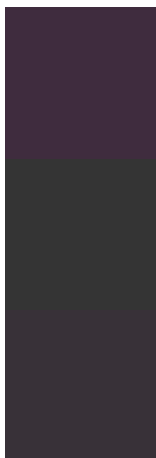
Deuteranomaly

50.9880, 4.9359, 3.5185

Tritanomaly

51.1090, 1.4253, 9.5514

Monochromacy



Original Color

51.7330, 5.0616, 9.8812

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8910, 2.0257, 3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.7330, 5.0616, 9.8812 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(63, 44, 62)` looks like.

```
.text, #text, p{  
    color:rgb(63, 44, 62)  
}
```

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(63, 44, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 44, 62) }
```

Border

The CSS property to change the border of an element to YUV 51.7330, 5.0616, 9.8812 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(63, 44, 62) }
```


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

```
.border{ border-color:rgb(63, 44, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 44, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 44, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 44, 62);  
box-shadow:4px 4px 4px 4px rgb(63, 44, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.7330, 5.0616, 9.8812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 44, 62) }
```

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

```
.background{ background-color: rgb(63, 44,  
62) }
```

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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