

Converting Colors

YUV(38.9000, 8.4303, 2.7187)

Have a look what the booklet for
YUV(38.9000, 8.4303, 2.7187)
contains.

YUV(38.9000, 8.4303, 2.7187)	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(38.9000, 8.4303,
2.7187)**

Conversions

Conversions Part 1

Format	Color
Hex	2A2238
RGB	42, 34, 56
RGB Percent	16%, 13%, 22%
CMY	0.8353, 0.8667, 0.7804
CMYK	0.25, 0.39, 0.00, 0.78
HSL	262°, 24%, 18%
HSV	262°, 39%, 22%
XYZ	2.2407, 1.9218, 3.9942
YIQ	38.9000, -2.2940, 8.5380

Conversions

Conversions Part 2

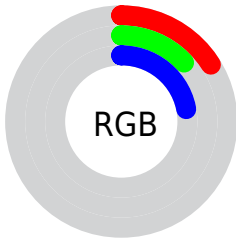
Format	Color
RYB	42, 34, 56
Decimal	2761272
CIELab	15.07, 9.44, -12.88
CIELCh	15, 15.970, 306.229
Yxy	1.9218, 0.2747, 0.2356
Android (android.graphics.Color)	4280951352 (0xFF2A2238)
YUV	38.9000, 8.4303, 2.7187
Hunter-Lab	13.8630, 4.5909, -7.3787

Details

The YUV color **38.9000, 8.4303, 2.7187** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51.1000, -8.4303, -2.7187**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.8400, 9.4459, 3.6483**, and **1.2540, 4.8048, -1.0998** is the 20% darker color. If you saturate the color by 10%, you get **34.1820, 10.7563, 3.3484**, and if you desaturate by 10%, it is **43.6180, 6.1043, 2.0890**.

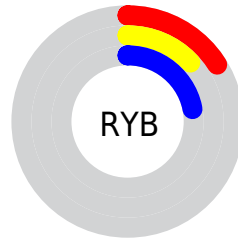
Distribution



Red (16%)

Green (13%)

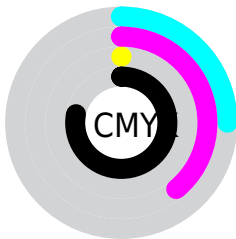
Blue (22%)



Red (16%)

Yellow (13%)

Blue (22%)

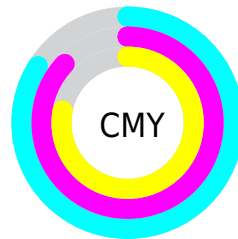


Cyan (25%)

Magenta (39%)

Yellow (0%)

Black (78%)



Cyan (84%)

Magenta (87%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.9000, 8.4303, 2.7187 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 38.9000, 8.4303, 2.7187 by changing the saturation by 10% instead.

■ 38.9000, 8.4303,
2.7187

■ 38.9000, 8.4303,
2.7187

■ 255.0000, 0.0000,
0.0000

■ 17.6120, 8.5723,
3.8483

■ 83.8400, 9.4459,
3.6483

■ 1.2540, 4.8048,
-1.0998

■ 107.9540, 9.8827,
3.5483

■ 0.0000, 0.0000,
0.0000

■ 133.3670, 10.1721,
4.0631

■ 159.4810, 10.6089,
3.9632

■ 186.5950, 11.0457,
3.8632

■ 214.5950, 11.0457,

3.8632

241.7540, 6.5303,
5.4777

38.9000, 8.4303,
2.7187

38.9000, 8.4303,
2.7187

34.1820, 10.7563,
3.3484

43.6180, 6.1043,
2.0890

30.3500, 12.6454,
4.0780

47.4500, 4.2151,
1.3593

25.6320, 14.9714,
4.7077

52.1680, 1.8892,
0.7297

21.8000, 16.8606,
5.4374

56.0000, 0.0000,
0.0000

17.0820, 19.1866,
6.0671

60.7180, -2.3260,
-0.6297

■ 12.6630, 21.3651,
7.3115

■ 65.1370, -4.5045,
-1.8741

■ 12.3640, 21.5125,
6.6968

■ 69.2680, -6.5411,
-1.9890

■ 73.9860, -8.8671,
-2.6187

■ 77.8180, -10.7563,
-3.3484

Harmonies

Analogous

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



36.3220, 11.6733, -10.8064



38.9000, 8.4303, 2.7187



39.1140, 3.8878, 13.0550

Triad

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



38.9000, 8.4303, 2.7187



37.4440, -10.0789, 12.7656



30.3880, 4.7387, -26.6503

Complementary

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



38.9000, 8.4303, 2.7187



51.1000, -8.4303, -2.7187

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.



33.2170, -2.5720, -15.0993



38.9000, 8.4303, 2.7187



36.7590, -11.2202, 5.4734

Square

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



38.9000, 8.4303, 2.7187



37.8020, -6.3114, 17.7136



35.5020, -8.1355, -3.9483



31.0550, 9.8329, -27.2352

Rectangle

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



38.9000, 8.4303, 2.7187



38.9250, 0.5300, 16.7288



35.5020, -8.1355, -3.9483



31.1280, 2.4019, -23.7913

Sweetspot

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



38.9000, 8.4303, 2.7187



66.9230, 3.4890, 0.9445



44.7260, 5.5581, -9.4067



34.1680, 1.8892, 0.7297



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



38.9000, 8.4303, 2.7187



46.8770, 13.3716, 4.4929



42.1890, 6.8088, 9.4812



25.6410, 1.1630, 0.3148



20.3550, 35.3210, 11.0897



48.8860, 83.8662, 27.2870

Inverse Universe

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



42.1740, 2.8722, 12.1254



51.9730, 4.4503, 19.3177



47.8110, -6.8088, -9.4812



26.1250, 0.4314, 1.6444



34.1200, 11.7728, 50.7608



81.4410, 28.8696, 120.6392

Previews

White Background



This preview shows how the YUV color 38.9000, 8.4303, 2.7187 looks on a white background.

Color Contrast Check

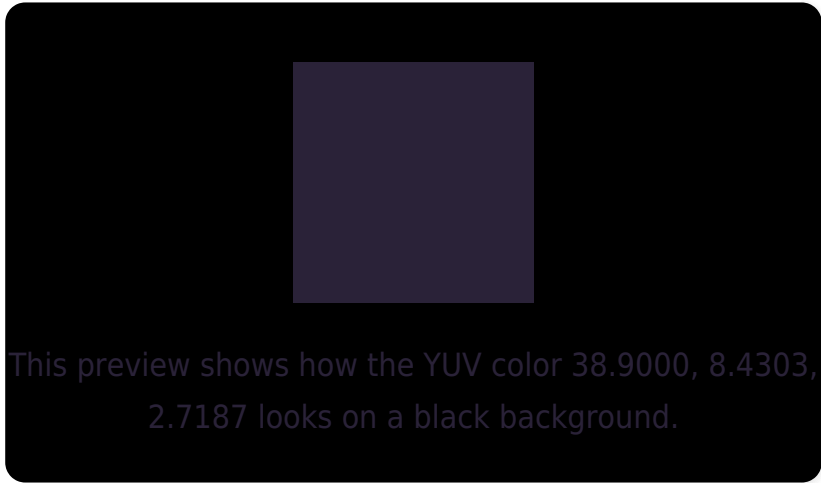
Large Text (above 18pt) WCAG AA ✓ Pass

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

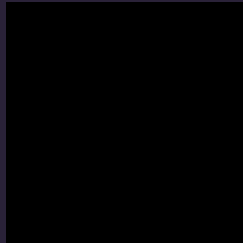
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.9000, 8.4303, 2.7187

Background



This preview shows how black text looks on a background with the YUV color 38.9000, 8.4303, 2.7187.



This preview shows how white text looks on a background with the YUV color 38.9000, 8.4303,

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

38.9000, 8.4303, 2.7187

Protanopia

37.4150, 10.6414, -6.5030

Deuteranopia

37.8450, 8.4574, -6.0031



Tritanopia

37.9400, 1.0156, 0.9296

Trichromacy



Original Color

38.9000, 8.4303, 2.7187

Protanomaly

37.9100, 9.9044, -3.4291

Deuteranomaly

38.4540, 8.1572, -3.0292

Tritanomaly

38.3360, 3.7784, 1.4593

Monochromacy



Original Color

38.9000, 8.4303, 2.7187

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.8090, 3.0522, 1.0445

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.9000, 8.4303, 2.7187 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(42, 34, 56)` looks like.

```
.text, #text, p{  
    color:rgb(42, 34, 56)  
}
```

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(42, 34, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 34, 56) }
```

Border

The CSS property to change the border of an element to YUV 38.9000, 8.4303, 2.7187 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(42, 34, 56) }
```


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

```
.border{ border-color:rgb(42, 34, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 34, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 34, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 34, 56);  
box-shadow:4px 4px 4px 4px rgb(42, 34, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.9000, 8.4303, 2.7187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 34, 56) }
```

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

```
.background{ background-color: rgb(42, 34,  
56) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor