

Converting Colors

YUV(57.8900, 6.9562, 8.8665)

Have a look what the booklet for
YUV(57.8900, 6.9562, 8.8665)
contains.

YUV(57.8900, 6.9562, 8.8665)	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(57.8900, 6.9562,
8.8665)**

Conversions

Conversions Part 1

Format	Color
Hex	443248
RGB	68, 50, 72
RGB Percent	27%, 20%, 28%
CMY	0.7333, 0.8039, 0.7176
CMYK	0.06, 0.31, 0.00, 0.72
HSL	289°, 18%, 24%
HSV	289°, 31%, 28%
XYZ	4.6942, 3.9780, 6.6513
YIQ	57.8900, 3.6660, 10.6580

Conversions

Conversions Part 2

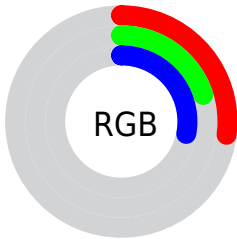
Format	Color
RYB	68, 50, 72
Decimal	4469320
CIELab	23.60, 12.76, -10.49
CIElCh	24, 16.523, 320.574
Yxy	3.9780, 0.3063, 0.2596
Android (android.graphics.Color)	4282659400 (0xFF443248)
YUV	57.8900, 6.9562, 8.8665
Hunter-Lab	19.9450, 7.1075, -5.8107

Details

The YUV color **57.8900, 6.9562, 8.8665** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **64.1100, -6.9562, -8.8665**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.8300, 7.9718, 9.7961**, and **13.4280, 7.6770, 11.0256** is the 20% darker color. If you saturate the color by 10%, you get **53.4820, 9.1294, 11.8553**, and if you desaturate by 10%, it is **62.2980, 4.7831, 5.8777**.

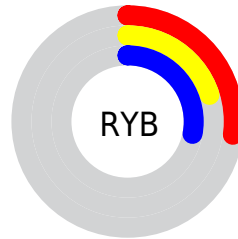
Distribution



Red (27%)

Green (20%)

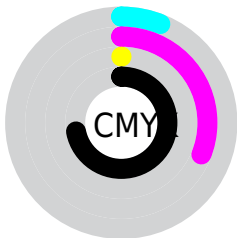
Blue (28%)



Red (27%)

Yellow (20%)

Blue (28%)

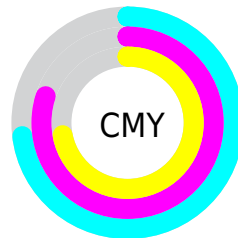


Cyan (6%)

Magenta (31%)

Yellow (0%)

Black (72%)



Cyan (73%)

Magenta (80%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.8900, 6.9562, 8.8665 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 57.8900, 6.9562, 8.8665 by changing the saturation by 10% instead.

■ 57.8900, 6.9562,
8.8665

■ 57.8900, 6.9562,
8.8665

■ 255.0000, 0.0000,
0.0000

■ 36.0640, 6.3774,
7.8369

■ 104.8300, 7.9718,
9.7961

■ 13.4280, 7.6770,
11.0256

■ 130.1290, 7.8244,
10.4109

■ 0.0000, 0.0000,
0.0000

■ 156.5420, 8.1138,
10.9257

■ 183.5420, 8.1138,
10.9257

■ 210.9550, 8.4032,
11.4405

■ 239.1400, 7.8190,

12.1552

■ 57.8900, 6.9562,
8.8665

■ 57.8900, 6.9562,
8.8665

■ 53.4820, 9.1294,
11.8553

■ 62.2980, 4.7831,
5.8777

■ 48.7750, 11.4499,
14.2293

■ 67.0050, 2.4625,
3.5036

■ 43.7800, 13.9125,
17.7329

■ 72.0000, 0.0000,
0.0000

■ 39.3720, 16.0856,
20.7218

■ 76.4080, -2.1731,
-2.9888

■ 34.6650, 18.4062,
23.0958

■ 81.1150, -4.4937,
-5.3629

■ 30.2570, 20.5793,
26.0846

■ 85.5230, -6.6668,
-8.3517

■ 25.8490, 22.7524,
29.0734

■ 89.9310, -8.8400,
-11.3405

■ 94.9260, -11.3025,
-14.8441

■ 99.6330, -13.6231,
-17.2181

Harmonies

Analogous

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



56.2520, 11.2148, -3.7290



57.8900, 6.9562, 8.8665



57.8650, 1.5456, 17.6584

Triad

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



57.8900, 6.9562, 8.8665



55.6780, -11.6733, 10.8064



47.5660, 8.1020, -32.0684

Complementary

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



57.8900, 6.9562, 8.8665



64.1100, -6.9562, -8.8665

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.



50.6830, 0.6493, -21.6470



57.8900, 6.9562, 8.8665



54.5520, -10.6251, 1.2699

Square

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



57.8900, 6.9562, 8.8665



56.7050, -9.2216, 17.7987



52.9250, -6.3720, -9.5812



48.2440, 13.1907, -30.9090

Rectangle

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



57.8900, 6.9562, 8.8665



57.4370, -2.6804, 19.7878



52.9250, -6.3720, -9.5812



48.6050, 5.6177, -28.5946

Sweetspot

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



57.8900, 6.9562, 8.8665



89.0050, 2.4625, 3.5036



54.8560, 8.4520, -4.2587



44.7660, 1.5944, 1.9592



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.



57.8900, 6.9562, 8.8665



71.6610, 11.0131, 14.3293



58.2880, 3.3090, 12.0254



33.3530, 1.3050, 1.4444



35.5050, 31.3030, 39.8991



81.4920, 71.7354, 91.6535

Inverse Universe

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



57.0340, -1.4958, 13.1252



70.2630, -2.1017, 20.8173



63.7120, -3.3090, -12.0254



33.3100, -0.1528, 2.3591



31.6530, -6.7309, 59.0633



72.5470, -15.5527, 135.4553

Previews

White Background



This preview shows how the YUV color 57.8900, 6.9562, 8.8665 looks on a white background.

Color Contrast Check

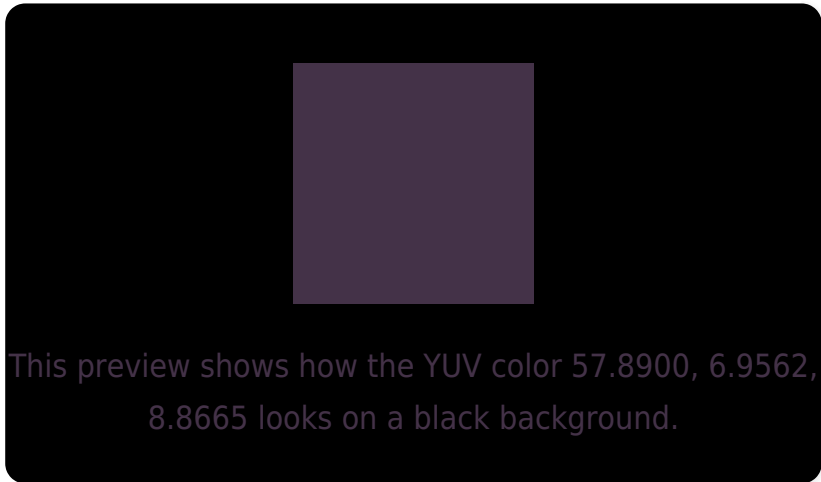
Large Text (above 18pt) WCAG AA ✓ Pass

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

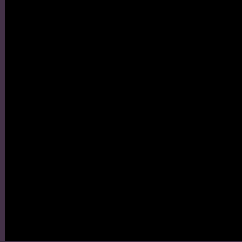
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.8900, 6.9562, 8.8665

Background



This preview shows how black text looks on a background with the YUV color 57.8900, 6.9562, 8.8665.



This preview shows how white text looks on a background with the YUV color 57.8900, 6.9562, 8.8665.

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

57.8900, 6.9562, 8.8665

Protanopia

56.7850, 9.4730, -5.0734

Deuteranopia

56.5250, 7.1362, -2.2144



Tritanopia

57.3430, -0.1691, 7.5922

Trichromacy



Original Color

57.8900, 6.9562, 8.8665

Protanomaly

57.2910, 8.7305, -0.2552

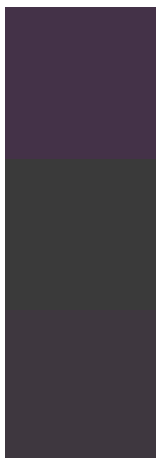
Deuteranomaly

56.8460, 6.9779, 1.8891

Tritanomaly

57.6250, 2.1569, 8.2219

Monochromacy



Original Color

57.8900, 6.9562, 8.8665

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.8900, 6.9562, 8.8665 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(68, 50, 72)` looks like.

```
.text, #text, p{  
    color:rgb(68, 50, 72)  
}
```

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(68, 50, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 50, 72) }
```

Border

The CSS property to change the border of an element to YUV 57.8900, 6.9562, 8.8665 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(68, 50, 72) }
```


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

```
.border{ border-color:rgb(68, 50, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 50, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 50, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 50, 72);  
box-shadow:4px 4px 4px 4px rgb(68, 50, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.8900, 6.9562, 8.8665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 50, 72) }
```

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

```
.background{ background-color: rgb(68, 50,  
72) }
```

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