

Converting Colors

YUV(57.9900, 1.9769, 19.3028)

Have a look what the booklet for
YUV(57.9900, 1.9769, 19.3028)
contains.

YUV(57.9900, 1.9769, 19.3028)	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(57.9900, 1.9769,
19.3028)**

Conversions

Conversions Part 1

Format	Color
Hex	502E3E
RGB	80, 46, 62
RGB Percent	31%, 18%, 24%
CMY	0.6863, 0.8196, 0.7569
CMYK	0.00, 0.42, 0.22, 0.69
HSL	332°, 27%, 25%
HSV	332°, 42%, 31%
XYZ	5.1548, 4.0073, 5.0592
YIQ	57.9900, 15.1280, 12.1840

Conversions

Conversions Part 2

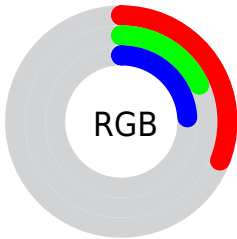
Format	Color
R_{YB}	80, 46, 62
Decimal	5254718
CIE Lab	23.70, 18.16, -3.46
CIE LCh	24, 18.486, 349.209
Yxy	4.0073, 0.3625, 0.2818
Android (android.graphics.Color)	4283444798 (0xFF502E3E)
YUV	57.9900, 1.9769, 19.3028
Hunter-Lab	20.0182, 10.9328, -0.9718

Details

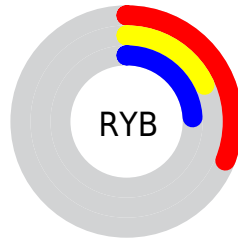
The YUV color **57.9900, 1.9769, 19.3028** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **68.0100, -1.9769, -19.3028**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.8870, 1.5347, 21.1471**, and **13.0440, 3.4293, 20.1324** is the 20% darker color. If you saturate the color by 10%, you get **52.8380, 2.5449, 23.8211**, and if you desaturate by 10%, it is **63.1420, 1.4090, 14.7845**.

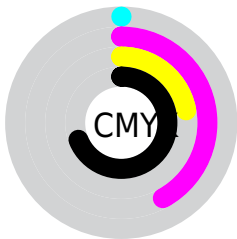
Distribution



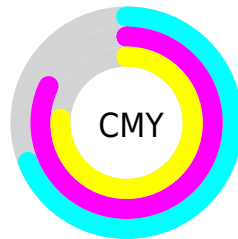
- Red (31%)
- Green (18%)
- Blue (24%)



- Red (31%)
- Yellow (18%)
- Blue (24%)



- Cyan (0%)
- Magenta (42%)
- Yellow (22%)
- Black (69%)



- Cyan (69%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.9900, 1.9769, 19.3028 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 57.9900, 1.9769, 19.3028 by changing the saturation by 10% instead.

■ 57.9900, 1.9769,
19.3028

■ 57.9900, 1.9769,
19.3028

■ 255.0000, 0.0000,
0.0000

■ 35.3920, 2.2717,
18.0732

■ 105.8870, 1.5347,
21.1471

■ 13.0440, 3.4293,
20.1324

■ 131.0120, 1.9661,
22.7915

■ 0.0000, 0.0000,
0.0000

■ 157.3110, 1.8187,
23.4063

■ 184.6100, 1.6713,
24.0210

■ 212.0230, 1.9607,
24.5358

■ 236.1360, 3.8770,

16.5437

254.4130, 0.2894,
0.5148

■ 57.9900, 1.9769,
19.3028

■ 57.9900, 1.9769,
19.3028

■ 52.8380, 2.5449,
23.8211

■ 63.1420, 1.4090,
14.7845

■ 47.6860, 3.1128,
28.3394

■ 68.2940, 0.8411,
10.2662

■ 42.4200, 3.2439,
32.9577

■ 73.5600, 0.7099,
5.6479

■ 37.2680, 3.8119,
37.4760

■ 78.7120, 0.1420,
1.1296

■ 32.1160, 4.3798,
41.9943

■ 83.8640, -0.4260,
-3.3887

■ 28.2520, 4.8058,
45.3830

■ 89.0160, -0.9939,
-7.9070

■ 94.2820, -1.1250,
-12.5253

■ 99.4340, -1.6930,
-17.0436

■ 104.5860, -2.2609,
-21.5619

Harmonies

Analogous

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



58.5310, 8.1192, 9.1813



57.9900, 1.9769, 19.3028



57.2910, -4.5805, 22.5468

Triad

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



57.9900, 1.9769, 19.3028



54.2100, -11.9355, 1.5698



45.1720, 15.6912, -39.6158

Complementary

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



57.9900, 1.9769, 19.3028



68.0100, -1.9769, -19.3028

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.



44.9780, 9.8708, -39.4457



57.9900, 1.9769, 19.3028



52.9850, -7.3876, -10.5108

Square

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



57.9900, 1.9769, 19.3028



55.9340, -13.2785, 12.3359



49.3730, 0.8021, -24.0061



51.8690, 15.3476, -22.6871

Rectangle

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



57.9900, 1.9769, 19.3028



56.9550, -8.3588, 21.0875



49.3730, 0.8021, -24.0061



45.3030, 13.6546, -39.7307

Sweetspot

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



57.9900, 1.9769, 19.3028



95.8700, 0.5571, 8.0070



55.2580, 12.1978, 7.6667



48.1470, 0.4205, 5.1331



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.



57.9900, 1.9769, 19.3028



69.9960, 2.9600, 30.6985



56.7530, -5.3012, 20.3876



38.4240, 0.2840, 2.2592



36.9810, 5.9254, 59.6527



81.7940, 13.4126, 131.7307

Inverse Universe

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



57.9900, 1.9769, 19.3028



69.9960, 2.9600, 30.6985



69.2470, 5.3012, -20.3876



38.4240, 0.2840, 2.2592



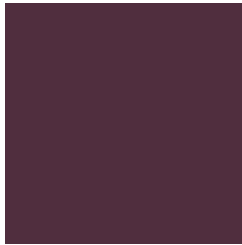
36.9810, 5.9254, 59.6527



81.7940, 13.4126, 131.7307

Previews

White Background



This preview shows how the YUV color 57.9900, 1.9769, 19.3028 looks on a white background.

Color Contrast Check

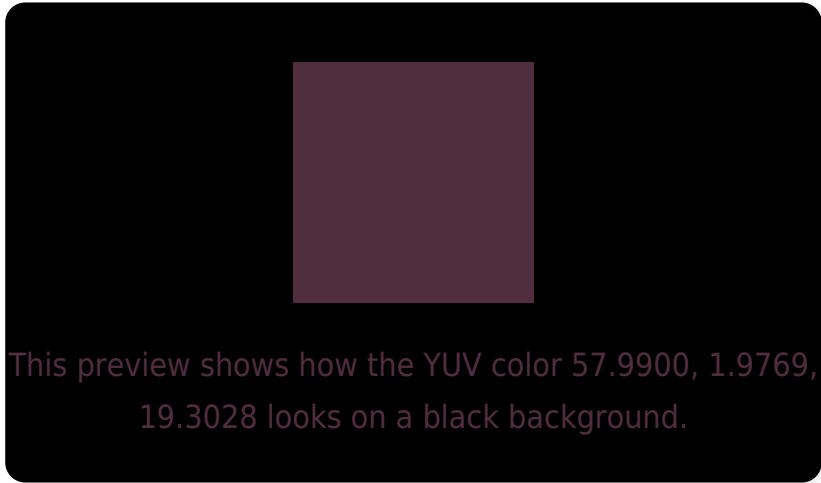
Large Text (above 18pt) WCAG AA ✓ Pass

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

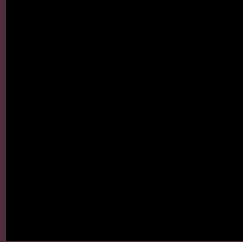
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.9900, 1.9769, 19.3028

Background



This preview shows how black text looks on a background with the YUV color 57.9900, 1.9769, 19.3028.



This preview shows how white text looks on a background with the YUV color 57.9900, 1.9769, 19.3028.

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

57.9900, 1.9769, 19.3028

Protanopia

56.8840, 5.9732, -2.5293

Deuteranopia

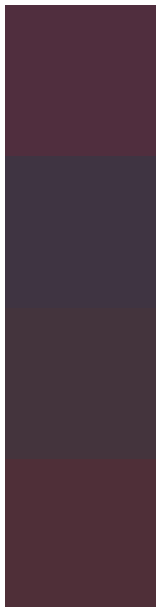
57.3640, 1.2995, 3.1888



Tritanopia

57.7250, -2.8224, 18.6582

Trichromacy



Original Color

57.9900, 1.9769, 19.3028

Protanomaly

56.8850, 4.4937, 5.3629

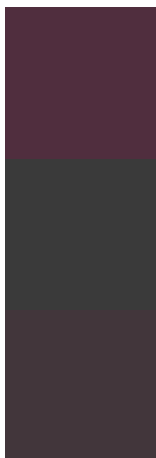
Deuteranomaly

57.8100, 1.5727, 8.9366

Tritanomaly

57.5940, -0.7858, 18.7731

Monochromacy



Original Color

57.9900, 1.9769, 19.3028

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.1580, 0.4151, 6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.9900, 1.9769, 19.3028 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(80, 46, 62)` looks like.

```
.text, #text, p{  
    color:rgb(80, 46, 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(80, 46, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 46, 62) }
```

Border

The CSS property to change the border of an element to YUV 57.9900, 1.9769, 19.3028 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(80, 46, 62) }
```


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

```
.border{ border-color:rgb(80, 46, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 46, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 46, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 46, 62);  
box-shadow:4px 4px 4px 4px rgb(80, 46, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.9900, 1.9769, 19.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 46, 62) }
```

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

```
.background{ background-color: rgb(80, 46,  
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](#).

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