

Converting Colors

YUV(62.7850, -3.8380, 17.7286)

Have a look what the booklet for
YUV(62.7850, -3.8380, 17.7286)
contains.

YUV(62.7850, -3.8380, 17.7286)	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(62.7850, -3.8380,
17.7286)**

Conversions

Conversions Part 1

Format	Color
Hex	533637
RGB	83, 54, 55
RGB Percent	33%, 21%, 22%
CMY	0.6745, 0.7882, 0.7843
CMYK	0.00, 0.35, 0.34, 0.67
HSL	358°, 21%, 27%
HSV	358°, 35%, 33%
XYZ	5.5760, 4.7532, 4.2380
YIQ	62.7850, 16.9630, 6.4590

Conversions

Conversions Part 2

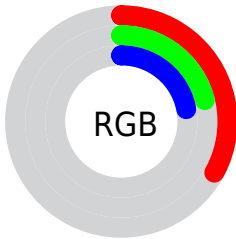
Format	Color
RYB	83, 54, 55
Decimal	5453367
CIELab	26.02, 13.16, 4.67
CIElCh	26, 13.966, 19.528
Yxy	4.7532, 0.3828, 0.3263
Android (android.graphics.Color)	4283643447 (0xFF533637)
YUV	62.7850, -3.8380, 17.7286
Hunter-Lab	21.8018, 7.5002, 3.7360

Details

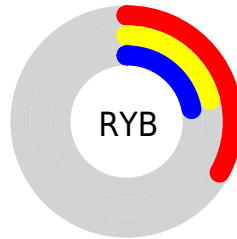
The YUV color **62.7850, -3.8380, 17.7286** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **74.2150, 3.8380, -17.7286**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.6820, -4.2802, 19.5729**, and **18.7740, -3.8326, 15.9842** is the 20% darker color. If you saturate the color by 10%, you get **57.1770, -5.0173, 22.6468**, and if you desaturate by 10%, it is **68.3930, -2.6587, 12.8103**.

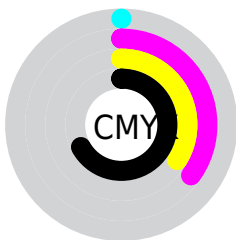
Distribution



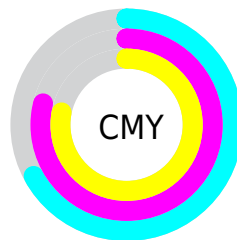
- Red (33%)
- Green (21%)
- Blue (22%)



- Red (33%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (35%)
- Yellow (34%)
- Black (67%)



- Cyan (67%)
- Magenta (79%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.7850, -3.8380, 17.7286 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 62.7850, -3.8380, 17.7286 by changing the saturation by 10% instead.

■ 62.7850, -3.8380,
17.7286

■ 62.7850, -3.8380,
17.7286

■ 255.0000, 0.0000,
0.0000

■ 40.3010, -3.1064,
16.3990

■ 110.6820, -4.2802,
19.5729

■ 18.7740, -3.8326,
15.9842

■ 136.2800, -4.5750,
20.8024

■ 0.0000, 0.0000,
0.0000

■ 162.5790, -4.7224,
21.4172

■ 189.7640, -5.3067,
22.1320

■ 217.4760, -5.1647,
23.2615

■ 240.9800, -2.9481,

12.2955

■ 62.7850, -3.8380,
17.7286

■ 62.7850, -3.8380,
17.7286

■ 57.1770, -5.0173,
22.6468

■ 68.3930, -2.6587,
12.8103

■ 50.9820, -5.9071,
28.0798

■ 74.5880, -1.7689,
7.3773

■ 45.3740, -7.0864,
32.9980

■ 80.1960, -0.5896,
2.4591

■ 39.7660, -8.2656,
37.9162

■ 85.8040, 0.5896,
-2.4591

■ 33.5710, -9.1555,
43.3492

■ 91.9990, 1.4795,
-7.8921

■ 27.9630, -10.3348,
48.2674

■ 97.6070, 2.6587,
-12.8103

■ 25.1590, -10.9244,
50.7266

■ 103.2150, 3.8380,
-17.7286

■ 108.8230, 5.0173,
-22.6468

■ 115.0180, 5.9071,
-28.0798

Harmonies

Analogous

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



63.1420, 1.4090, 14.7845



62.7850, -3.8380, 17.7286



62.0360, -7.9057, 15.7544

Triad

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



62.7850, -3.8380, 17.7286



59.1640, -5.5039, -8.0368



59.7730, 10.9579, -14.7099

Complementary

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



62.7850, -3.8380, 17.7286



74.2150, 3.8380, -17.7286

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.



56.7890, 9.9640, -22.6170



62.7850, -3.8380, 17.7286



57.1890, -0.0932, -16.8288

Square

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



62.7850, -3.8380, 17.7286



60.1930, -9.4621, 1.5847



55.7520, 6.0383, -23.4615



61.7960, 9.4676, -3.3291

Rectangle

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



62.7850, -3.8380, 17.7286



61.2590, -9.4947, 12.0509



55.7520, 6.0383, -23.4615



58.7510, 10.9688, -18.1986

Sweetspot

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



62.7850, -3.8380, 17.7286



99.4030, -1.1847, 6.6626



65.6780, 8.5397, 14.3144



49.0930, -1.0318, 4.3034



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.



62.7850, -3.8380, 17.7286



75.6830, -5.7597, 27.4650



70.3020, -8.0369, 11.1361



38.1960, -0.5896, 2.4591



31.8510, -13.7305, 64.1517



70.2800, -30.7040, 141.8284

Inverse Universe

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



62.7850, -3.8380, 17.7286



75.6830, -5.7597, 27.4650



66.6980, 8.0369, -11.1361



38.1960, -0.5896, 2.4591



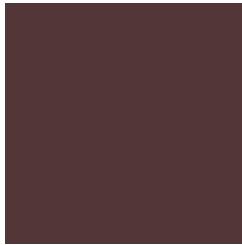
31.8510, -13.7305, 64.1517



70.2800, -30.7040, 141.8284

Previews

White Background



This preview shows how the YUV color 62.7850, -3.8380, 17.7286 looks on a white background.

Color Contrast Check

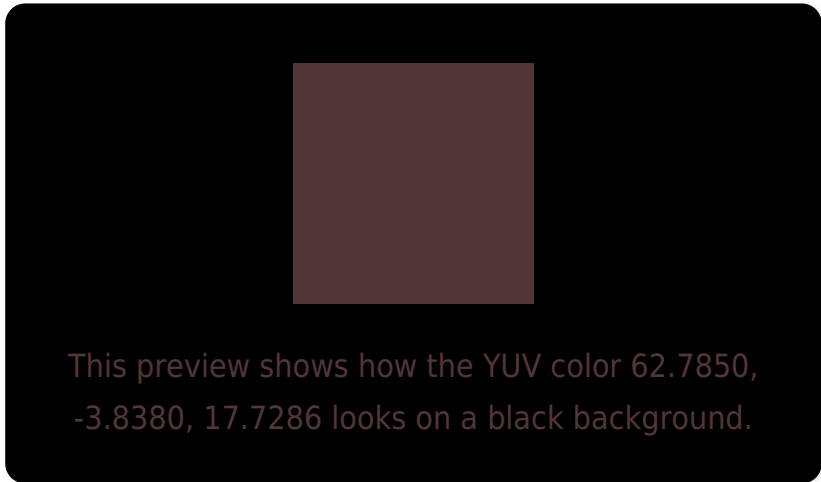
Large Text (above 18pt) WCAG AA ✓ Pass

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

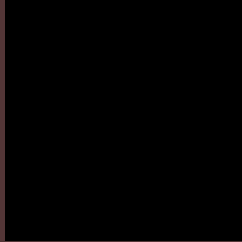
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.7850, -3.8380, 17.7286

Background



This preview shows how black text looks on a background with the YUV color 62.7850, -3.8380, 17.7286.

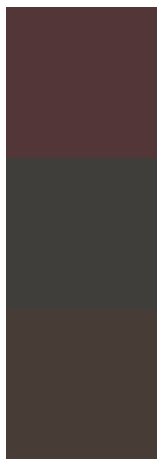


This preview shows how white text looks on a background with the YUV color 62.7850, -3.8380,

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

62.7850, -3.8380, 17.7286

Protanopia

62.2560, -1.6052, 1.5295

Deuteranopia

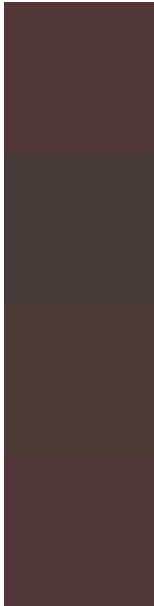
62.6050, -4.2423, 7.3624



Tritanopia

63.1270, -2.5276, 17.4286

Trichromacy



Original Color

62.7850, -3.8380, 17.7286

Protanomaly

62.4740, -2.2057, 7.4773

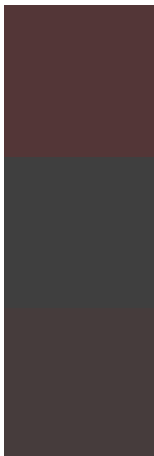
Deuteranomaly

62.6270, -4.2531, 10.8511

Tritanomaly

63.0130, -2.9644, 17.5286

Monochromacy



Original Color

62.7850, -3.8380, 17.7286

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.7850, -3.8380, 17.7286 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(83, 54, 55)` looks like.

```
.text, #text, p{  
    color:rgb(83, 54, 55)  
}
```

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(83, 54, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 54, 55) }
```

Border

The CSS property to change the border of an element to YUV 62.7850, -3.8380, 17.7286 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(83, 54, 55) }
```


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

```
.border{ border-color:rgb(83, 54, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 54, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 54, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 54, 55);  
box-shadow:4px 4px 4px 4px rgb(83, 54, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.7850, -3.8380, 17.7286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 54, 55) }
```

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

```
.background{ background-color: rgb(83, 54,  
55) }
```

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