

Converting Colors

YUV(79.3830, -4.1328, 18.9581)

Have a look what the booklet for
YUV(79.3830, -4.1328, 18.9581)
contains.

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Color

**YUV(79.3830, -4.1328,
18.9581)**

Conversions

Conversions Part 1

Format	Color
Hex	654647
RGB	101, 70, 71
RGB Percent	40%, 27%, 28%
CMY	0.6039, 0.7255, 0.7216
CMYK	0.00, 0.31, 0.30, 0.60
HSL	358°, 18%, 34%
HSV	358°, 31%, 40%
XYZ	8.6943, 7.6020, 6.9703
YIQ	79.3830, 18.1550, 6.8830

Conversions

Conversions Part 2

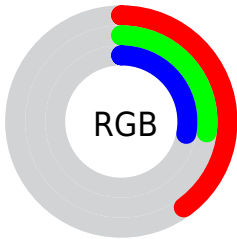
Format	Color
R_{YB}	101, 70, 71
Decimal	6637127
CIE Lab	33.14, 13.48, 4.72
CIE LCh	33, 14.279, 19.289
Yxy	7.6020, 0.3737, 0.3267
Android (android.graphics.Color)	4284827207 (0xFF654647)
YUV	79.3830, -4.1328, 18.9581
Hunter-Lab	27.5716, 8.0370, 4.3112

Details

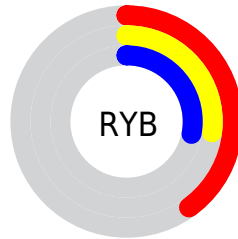
The YUV color **79.3830, -4.1328, 18.9581** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **91.6170, 4.1328, -18.9581**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1660, -5.0118, 20.9024**, and **34.3010, -3.1064, 16.3990** is the 20% darker color. If you saturate the color by 10%, you get **72.3730, -5.6069, 25.1059**, and if you desaturate by 10%, it is **86.3930, -2.6587, 12.8103**.

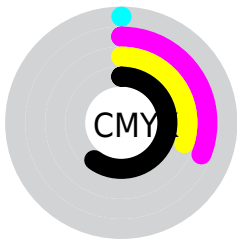
Distribution



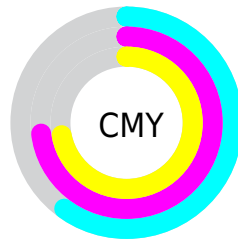
- Red (40%)
- Green (27%)
- Blue (28%)



- Red (40%)
- Yellow (27%)
- Blue (28%)



- Cyan (0%)
- Magenta (31%)
- Yellow (30%)
- Black (60%)



- Cyan (60%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.3830, -4.1328, 18.9581 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 79.3830, -4.1328, 18.9581 by changing the saturation by 10% instead.

■ 79.3830, -4.1328,
18.9581

■ 79.3830, -4.1328,
18.9581

255.0000, 0.0000,
0.0000

■ 55.8990, -3.4012,
17.6286

■ 129.1660, -5.0118,
20.9024

■ 34.3010, -3.1064,
16.3990

■ 154.8780, -4.8699,
22.0320

■ 10.2800, -4.5750,
20.8024

■ 182.0630, -5.4541,
22.7467

■ 0.0000, 0.0000,
0.0000

■ 209.4760, -5.1647,
23.2615

■ 234.7850, -3.8380,
17.7286

■ 79.3830, -4.1328,
18.9581

■ 79.3830, -4.1328,
18.9581

■ 72.3730, -5.6069,
25.1059

■ 86.3930, -2.6587,
12.8103

■ 65.3630, -7.0810,
31.2536

■ 93.4030, -1.1847,
6.6626

■ 58.4670, -8.1182,
37.3014

■ 100.2990, -0.1474,
0.6148

■ 51.4570, -9.5923,
43.4492

■ 107.3090, 1.3267,
-5.5330

■ 44.4470, -11.0664,
49.5970

■ 114.9060, 2.5113,
-12.1956

■ 36.8500, -12.2511,
56.2596

■ 121.9160, 3.9854,
-18.3433

■ 30.5410, -13.5777,
61.7925

■ 128.8120, 5.0227,
-24.3911

■ 135.8220, 6.4968,

-30.5389

■ 142.8320, 7.9708,
-36.6867

Harmonies

Analogous

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



79.7400, 1.1142, 16.0140



79.3830, -4.1328, 18.9581



78.5200, -8.6374, 17.0840

Triad

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



79.3830, -4.1328, 18.9581



75.0500, -5.9406, -7.9368



76.0010, 11.8315, -14.9099

Complementary

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



79.3830, -4.1328, 18.9581



91.6170, 4.1328, -18.9581

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.



73.6040, 10.5482, -23.3317



79.3830, -4.1328, 18.9581



73.7760, -0.3826, -17.3436

Square

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



79.3830, -4.1328, 18.9581



77.0790, -9.8989, 1.6847



72.7520, 6.0383, -23.4615



78.0240, 10.3412, -3.5290

Rectangle

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



79.3830, -4.1328, 18.9581



78.3300, -10.5157, 12.8656



72.7520, 6.0383, -23.4615



74.9790, 11.8424, -18.3986

Sweetspot

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



79.3830, -4.1328, 18.9581



121.7020, -1.3321, 7.2773



82.5040, 9.1185, 15.3440



61.0930, -1.0318, 4.3034



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



79.3830, -4.1328, 18.9581



96.4660, -6.6387, 29.4093



87.4870, -8.6211, 11.8509



47.4950, -0.7370, 3.0739



34.8410, -15.2046, 70.2994



73.2700, -32.1781, 147.9762

Inverse Universe

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



79.3830, -4.1328, 18.9581



96.4660, -6.6387, 29.4093



83.5130, 8.6211, -11.8509



47.4950, -0.7370, 3.0739



34.8410, -15.2046, 70.2994



73.2700, -32.1781, 147.9762

Previews

White Background



This preview shows how the YUV color 79.3830, -4.1328, 18.9581 looks on a white background.

Color Contrast Check

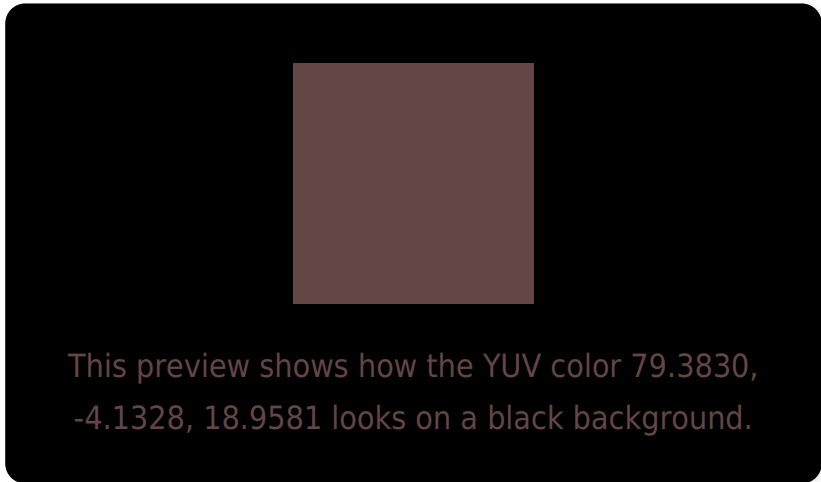
Large Text (above 18pt) WCAG AA ✓ Pass

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

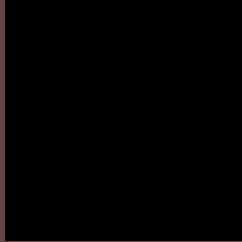
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.3830, -4.1328, 18.9581

Background



This preview shows how black text looks on a background with the YUV color 79.3830, -4.1328, 18.9581.

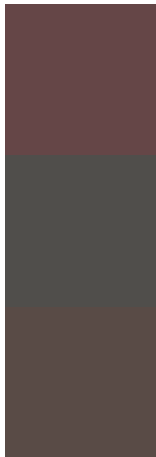


This preview shows how white text looks on a background with the YUV color 79.3830, -4.1328,

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

79.3830, -4.1328, 18.9581

Protanopia

78.2560, -1.6052, 1.5295

Deuteranopia

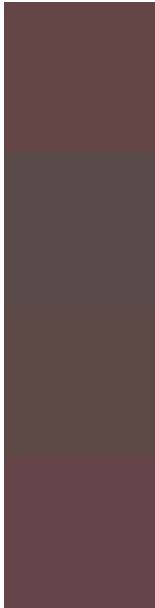
78.6160, -4.2477, 9.1068



Tritanopia

79.2520, -2.0962, 19.0730

Trichromacy



Original Color

79.3830, -4.1328, 18.9581

Protanomaly

78.7730, -2.3531, 8.0921

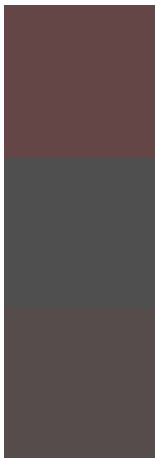
Deuteranomaly

78.6380, -4.2585, 12.5955

Tritanomaly

79.1380, -2.5330, 19.1730

Monochromacy



Original Color

79.3830, -4.1328, 18.9581

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.2890, -1.6215, 6.7625

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.3830, -4.1328, 18.9581 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(101, 70, 71)` looks like.

```
.text, #text, p{  
    color:rgb(101, 70, 71)  
}
```

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(101, 70, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 70, 71) }
```

Border

The CSS property to change the border of an element to YUV 79.3830, -4.1328, 18.9581 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(101, 70, 71) }
```


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

```
.border{ border-color:rgb(101, 70, 71) }
```

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

Here you see how a box with a 4 pixel rgb(101, 70, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 70, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 70, 71);  
box-shadow:4px 4px 4px 4px rgb(101, 70,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 79.3830, -4.1328, 18.9581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 70, 71) }
```

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

```
.background{ background-color: rgb(101, 70,  
71) }
```

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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