

Converting Colors

YUV(79.7570, -4.8102, 2.8441)

Have a look what the booklet for
YUV(79.7570, -4.8102, 2.8441)
contains.

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Color

**YUV(79.7570, -4.8102,
2.8441)**

Conversions

Conversions Part 1

Format	Color
Hex	535046
RGB	83, 80, 70
RGB Percent	33%, 31%, 27%
CMY	0.6745, 0.6863, 0.7255
CMYK	0.00, 0.04, 0.16, 0.67
HSL	46°, 8%, 30%
HSV	46°, 16%, 33%
XYZ	7.5414, 8.0185, 6.9446
YIQ	79.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

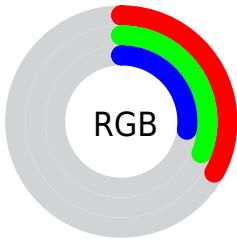
Format	Color
R_YB	74, 83, 70
Decimal	5460038
CIE Lab	34.02, -0.76, 6.34
CIE LCh	34, 6.380, 96.808
Yxy	8.0185, 0.3351, 0.3563
Android (android.graphics.Color)	4283650118 (0xFF535046)
YUV	79.7570, -4.8102, 2.8441
Hunter-Lab	28.3170, -2.0163, 5.2813

Details

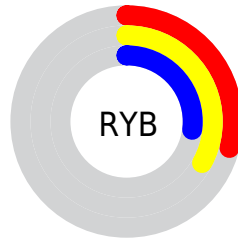
The YUV color **79.7570, -4.8102, 2.8441** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **73.2430, 4.8102, -2.8441**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.9420, -5.3944, 3.5589**, and **35.5720, -4.2260, 2.1294** is the 20% darker color. If you saturate the color by 10%, you get **77.6710, -7.7258, 4.6735**, and if you desaturate by 10%, it is **81.8430, -1.8946, 1.0147**.

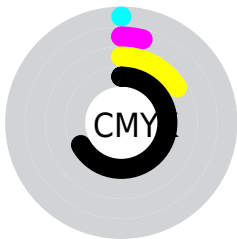
Distribution



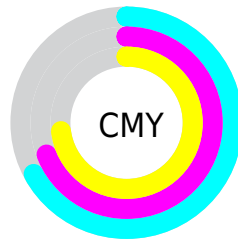
- Red (33%)
- Green (31%)
- Blue (27%)



- Red (29%)
- Yellow (33%)
- Blue (27%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (67%)



- Cyan (67%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.7570, -4.8102, 2.8441 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 79.7570, -4.8102, 2.8441 by changing the saturation by 10% instead.

■ 79.7570, -4.8102,
2.8441

■ 79.7570, -4.8102,
2.8441

255.0000, 0.0000,
0.0000

■ 56.8710, -4.3734,
2.7441

■ 128.9420, -5.3944,
3.5589

■ 35.5720, -4.2260,
2.1294

■ 154.9420, -5.3944,
3.5589

■ 13.6000, -6.7048,
3.8588

■ 181.8280, -5.8312,
3.6588

■ 0.0000, 0.0000,
0.0000

■ 209.5290, -5.6838,
3.0441

■ 237.8280, -5.8312,
3.6588

254.8860, -0.4368,

0.1000

■ 79.7570, -4.8102,
2.8441

■ 79.7570, -4.8102,
2.8441

■ 77.6710, -7.7258,
4.6735

■ 81.8430, -1.8946,
1.0147

■ 75.4710, -11.0782,
6.6029

■ 84.0430, 1.4578,
-0.9147

■ 73.3850, -13.9938,
8.4324

■ 86.1290, 4.3734,
-2.7441

■ 71.2990, -16.9094,
10.2618

■ 88.2150, 7.2890,
-4.5736

■ 69.2130, -19.8250,
12.0912

■ 90.3010, 10.2046,
-6.4030

■ 67.6000, -23.4668,
13.5058

■ 91.9140, 13.8464,
-7.8176

■ 65.5140, -26.3824,
15.3352

■ 94.0000, 16.7620,
-9.6470

■ 63.4280, -29.2980,
17.1646

■ 96.0860, 19.6776,
-11.4764

■ 62.3850, -30.7558,
18.0794

■ 98.2860, 23.0300,
-13.4058

Harmonies

Analogous

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



80.1920, -4.5317, 6.8476



79.7570, -4.8102, 2.8441



79.3650, -3.6309, -2.0741

Triad

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



79.7570, -4.8102, 2.8441



78.8570, 3.5215, -9.5216



81.0870, 1.4361, 6.0627

Complementary

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



79.7570, -4.8102, 2.8441



73.2430, 4.8102, -2.8441

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.



80.3360, 3.7784, 1.4593



79.7570, -4.8102, 2.8441



79.5090, 4.6791, -7.4624

Square

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



79.7570, -4.8102, 2.8441



78.2870, 1.3375, -9.0217



79.9440, 4.9576, -3.4589



81.4140, -1.1901, 8.4069

Rectangle

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



79.7570, -4.8102, 2.8441



78.3970, -2.1677, -4.7332



79.9440, 4.9576, -3.4589



80.7170, 2.6045, 4.6332

Sweetspot

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



79.7570, -4.8102, 2.8441



105.8430, -1.8946, 1.0147



74.2290, -0.6059, 7.6922



52.9570, -1.4578, 0.9147



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.



79.7570, -4.8102, 2.8441



101.7850, -7.2890, 4.5736



80.6210, -5.2362, -0.5446



39.9570, -1.4578, 0.9147



78.3550, -38.6290, 23.3677



173.8540, -85.7100, 50.9940

Inverse Universe

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



73.2430, 4.8102, -2.8441



91.6280, 7.5784, -4.0588



72.3790, 5.2362, 0.5446



38.0430, 1.4578, -0.9147



26.0580, 38.9184, -22.8529



58.1460, 85.7100, -50.9940

Previews

White Background



This preview shows how the YUV color 79.7570, -4.8102, 2.8441 looks on a white background.

Color Contrast Check

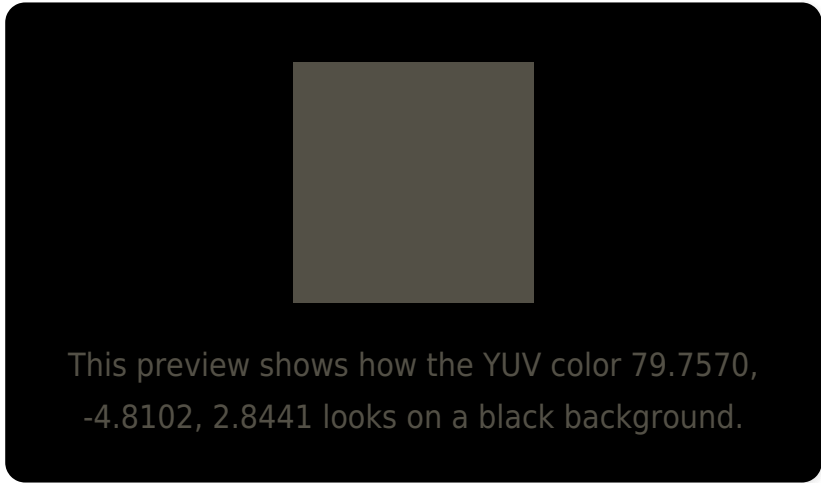
Large Text (above 18pt) WCAG AA ✓ Pass

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

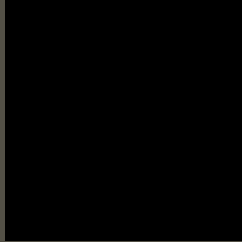
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.7570, -4.8102, 2.8441

Background



This preview shows how black text looks on a background with the YUV color 79.7570, -4.8102, 2.8441.



This preview shows how white text looks on a background with the YUV color 79.7570, -4.8102,

2.8441.

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

79.7570, -4.8102, 2.8441

Protanopia

80.0560, -4.9576, 3.4589

Deuteranopia

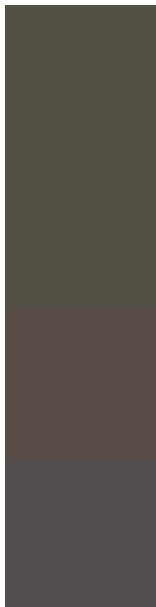
80.5020, -4.6845, 9.2067



Tritanopia

80.7770, 1.5889, 3.7036

Trichromacy



Original Color

79.7570, -4.8102, 2.8441

Protanomaly

80.0560, -4.9576, 3.4589

Deuteranomaly

80.1920, -4.5317, 6.8476

Tritanomaly

80.4950, -0.7370, 3.0739

Monochromacy



Original Color

79.7570, -4.8102, 2.8441

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8430, -1.8946, 1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7570, -4.8102, 2.8441 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, 80, 70)` looks like.

```
.text, #text, p{  
    color:rgb(83, 80, 70)  
}
```

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, 80, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 80, 70) }
```

Border

The CSS property to change the border of an element to YUV 79.7570, -4.8102, 2.8441 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, 80, 70) }
```


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

```
.border{ border-color:rgb(83, 80, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 80, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 80, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 80, 70);  
box-shadow:4px 4px 4px 4px rgb(83, 80, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.7570, -4.8102, 2.8441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 80, 70) }
```

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

```
.background{ background-color: rgb(83, 80,  
70) }
```

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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