

Converting Colors

YUV(74.9070, 4.4828, 8.8516)

Have a look what the booklet for
YUV(74.9070, 4.4828, 8.8516)
contains.

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Color

**YUV(74.9070, 4.4828,
8.8516)**

Conversions

Conversions Part 1

Format	Color
Hex	554454
RGB	85, 68, 84
RGB Percent	33%, 27%, 33%
CMY	0.6667, 0.7333, 0.6706
CMYK	0.00, 0.20, 0.01, 0.67
HSL	304°, 11%, 30%
HSV	304°, 20%, 33%
XYZ	7.4137, 6.7056, 9.2911
YIQ	74.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

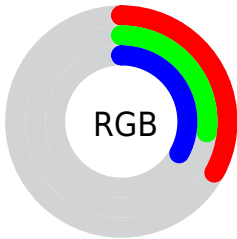
Format	Color
RYB	85, 68, 84
Decimal	5588052
CIELab	31.13, 10.50, -6.80
CIELCh	31, 12.507, 327.081
Yxy	6.7056, 0.3167, 0.2864
Android (android.graphics.Color)	4283778132 (0xFF554454)
YUV	74.9070, 4.4828, 8.8516
Hunter-Lab	25.8952, 5.7869, -3.1463

Details

The YUV color **74.9070, 4.4828, 8.8516** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **78.0930, -4.4828, -8.8516**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7330, 5.0616, 9.8812**, and **31.0810, 3.9041, 7.8220** is the 20% darker color. If you saturate the color by 10%, you get **69.5100, 6.6506, 13.5847**, and if you desaturate by 10%, it is **79.6030, 2.1677, 4.7332**.

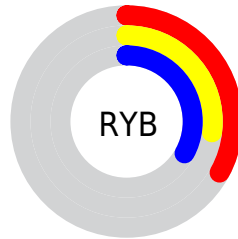
Distribution



 Red (33%)

 Green (27%)

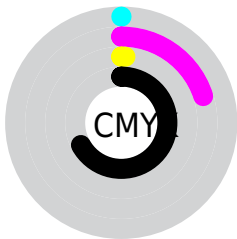
 Blue (33%)



 Red (33%)

 Yellow (27%)

 Blue (33%)

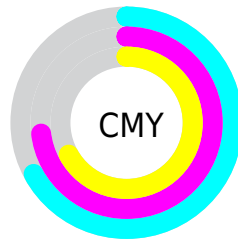


 Cyan (0%)

 Magenta (20%)

 Yellow (1%)

 Black (67%)



 Cyan (67%)

 Magenta (73%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.9070, 4.4828, 8.8516 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 74.9070, 4.4828, 8.8516 by changing the saturation by 10% instead.

■ 74.9070, 4.4828,
8.8516

■ 74.9070, 4.4828,
8.8516

■ 255.0000, 0.0000,
0.0000

■ 52.4940, 4.1935,
8.3368

■ 123.7330, 5.0616,
9.8812

■ 31.0810, 3.9041,
7.8220

■ 149.7330, 5.0616,
9.8812

■ 8.1460, 5.3510,
10.3960

■ 176.1460, 5.3510,
10.3960

■ 0.0000, 0.0000,
0.0000

■ 203.4450, 5.2036,
11.0107

■ 231.5590, 5.6404,
10.9108

■ 253.2390, 0.8682,

1.5444

■ 74.9070, 4.4828,
8.8516

■ 74.9070, 4.4828,
8.8516

■ 69.5100, 6.6506,
13.5847

■ 79.6030, 2.1677,
4.7332

■ 64.8140, 8.9657,
17.7031

■ 85.0000, 0.0000,
0.0000

■ 59.4170, 11.1334,
22.4363

■ 90.2830, -2.6045,
-4.6332

■ 54.7210, 13.4485,
26.5547

■ 95.0930, -4.4828,
-8.8516

■ 49.4380, 16.0531,
31.1879

■ 99.7890, -6.7980,
-12.9700

■ 44.6280, 17.9314,
35.4062

■ 105.1860, -8.9657,
-17.7031

■ 39.3450, 20.5359,
40.0394

■ 109.8820,
-11.2808, -21.8215

■ 34.5350, 22.4142,
44.2578

■ 115.2790,
-13.4485, -26.5547

■ 119.9750,
-15.7637, -30.6731

Harmonies

Analogous

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



74.1770, 8.2937, -0.1552



74.9070, 4.4828, 8.8516



74.8000, 0.0986, 15.0844

Triad

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



74.9070, 4.4828, 8.8516



72.9380, -9.3364, 7.9474



69.1760, 6.3222, -21.2024

Complementary

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



74.9070, 4.4828, 8.8516



78.0930, -4.4828, -8.8516

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.



69.5310, 1.2172, -17.1287



74.9070, 4.4828, 8.8516



71.6380, -7.7095, -0.5595

Square

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



74.9070, 4.4828, 8.8516



73.6120, -8.1897, 13.4953



70.7940, -4.3354, -9.4663



69.9960, 9.3690, -18.4135

Rectangle

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



74.9070, 4.4828, 8.8516



74.3010, -3.1064, 16.3990



70.7940, -4.3354, -9.4663



69.1330, 4.8644, -20.2876

Sweetspot

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



74.9070, 4.4828, 8.8516



105.7770, 1.5889, 3.7036



70.2370, 7.2782, -1.0848



53.6520, 1.1576, 2.0592



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



74.9070, 4.4828, 8.8516



93.9230, 6.9400, 14.0995



73.9950, 0.9885, 9.6514



40.6520, 1.1576, 2.0592



43.5070, 28.3440, 55.6834



95.4590, 61.8917, 122.3775

Inverse Universe

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



74.9070, 4.4828, 8.8516



93.9230, 6.9400, 14.0995



79.0050, -0.9885, -9.6514



40.6520, 1.1576, 2.0592



43.5070, 28.3440, 55.6834



95.4590, 61.8917, 122.3775

Previews

White Background



This preview shows how the YUV color 74.9070, 4.4828, 8.8516 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



This preview shows how the YUV color 74.9070, 4.4828, 8.8516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

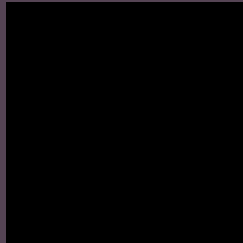
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.9070, 4.4828, 8.8516

Background



This preview shows how black text looks on a background with the YUV color 74.9070, 4.4828, 8.8516.

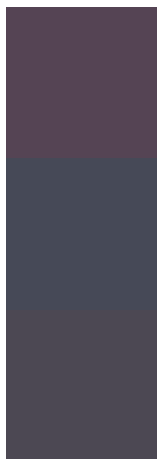


This preview shows how white text looks on a background with the YUV color 74.9070, 4.4828, 8.8516.

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

74.9070, 4.4828, 8.8516

Protanopia

73.6990, 6.5574, -3.2440

Deuteranopia

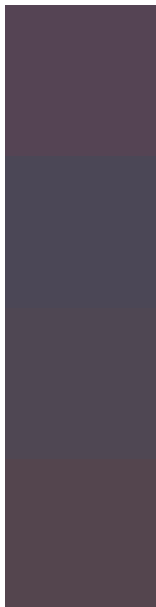
74.4500, 4.2151, 1.3593



Tritanopia

74.7560, 0.1203, 8.1070

Trichromacy



Original Color

74.9070, 4.4828, 8.8516

Protanomaly

73.9060, 5.9623, 0.9594

Deuteranomaly

74.7600, 4.0623, 3.7185

Tritanomaly

74.5110, 1.7201, 8.3219

Monochromacy



Original Color

74.9070, 4.4828, 8.8516

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.7770, 1.5889, 3.7036

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.9070, 4.4828, 8.8516 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(85, 68, 84)` looks like.

```
.text, #text, p{  
    color:rgb(85, 68, 84)  
}
```

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(85, 68, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 68, 84) }
```

Border

The CSS property to change the border of an element to YUV 74.9070, 4.4828, 8.8516 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(85, 68, 84) }
```


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

```
.border{ border-color:rgb(85, 68, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 68, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 68, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 68, 84);  
box-shadow:4px 4px 4px 4px rgb(85, 68, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.9070, 4.4828, 8.8516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 68, 84) }
```

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

```
.background{ background-color: rgb(85, 68,  
84) }
```

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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