

Converting Colors

YUV(83.6430, -5.2470, 2.9441)

Have a look what the booklet for
YUV(83.6430, -5.2470, 2.9441)
contains.

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Color

**YUV(83.6430, -5.2470,
2.9441)**

Conversions

Conversions Part 1

Format	Color
Hex	575449
RGB	87, 84, 73
RGB Percent	34%, 33%, 29%
CMY	0.6588, 0.6706, 0.7137
CMYK	0.00, 0.03, 0.16, 0.66
HSL	47°, 9%, 31%
HSV	47°, 16%, 34%
XYZ	8.3034, 8.8479, 7.5735
YIQ	83.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

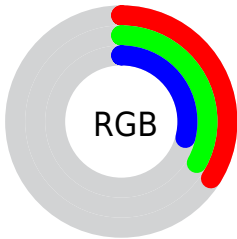
Format	Color
RYB	77, 87, 73
Decimal	5723209
CIELab	35.69, -0.94, 6.87
CIElCh	36, 6.934, 97.813
Yxy	8.8479, 0.3358, 0.3579
Android (android.graphics.Color)	4283913289 (0xFF575449)
YUV	83.6430, -5.2470, 2.9441
Hunter-Lab	29.7455, -2.2265, 5.7260

Details

The YUV color **83.6430, -5.2470, 2.9441** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76.3570, 5.2470, -2.9441**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9420, -5.3944, 3.5589**, and **38.7570, -4.8102, 2.8441** is the 20% darker color. If you saturate the color by 10%, you get **81.4430, -8.5994, 4.8735**, and if you desaturate by 10%, it is **85.8430, -1.8946, 1.0147**.

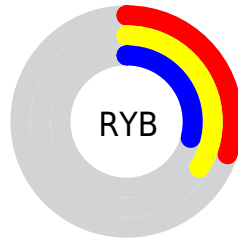
Distribution



Red (34%)

Green (33%)

Blue (29%)



Red (30%)

Yellow (34%)

Blue (29%)

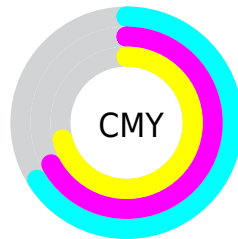


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (66%)



Cyan (66%)

Magenta (67%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6430, -5.2470, 2.9441 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 83.6430, -5.2470, 2.9441 by changing the saturation by 10% instead.

■ 83.6430, -5.2470,
2.9441

■ 83.6430, -5.2470,
2.9441

■ 255.0000, 0.0000,
0.0000

■ 60.6430, -5.2470,
2.9441

■ 132.9420, -5.3944,
3.5589

■ 38.7570, -4.8102,
2.8441

■ 159.4150, -6.1206,
3.1440

■ 18.1870, -6.9942,
3.3440

■ 186.4150, -6.1206,
3.1440

■ 0.0000, 0.0000,
0.0000

■ 213.7140, -6.2680,
3.7588

■ 242.6000, -6.7048,
3.8588

■ 83.6430, -5.2470,
2.9441

■ 83.6430, -5.2470,
2.9441

■ 81.4430, -8.5994,
4.8735

■ 85.8430, -1.8946,
1.0147

■ 79.3570, -11.5150,
6.7029

■ 87.9290, 1.0210,
-0.8147

■ 77.1570, -14.8674,
8.6323

■ 90.1290, 4.3734,
-2.7441

■ 75.5440, -18.5092,
10.0469

■ 91.7420, 8.0152,
-4.1587

■ 73.3440, -21.8616,
11.9763

■ 93.9420, 11.3676,
-6.0881

■ 71.2580, -24.7772,
13.8057

■ 96.0280, 14.2832,
-7.9176

■ 69.0580, -28.1296,
15.7351

■ 98.2280, 17.6356,
-9.8470

■ 66.8580, -31.4820,

■ 100.4280, 20.9880,

17.6645

-11.7764

■ 65.9290, -32.5030,
18.4793

■ 102.5140, 23.9036,
-13.6058

Harmonies

Analogous

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



84.0780, -4.9685, 6.9476



83.6430, -5.2470, 2.9441



83.2510, -4.0677, -1.9741

Triad

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



83.6430, -5.2470, 2.9441



82.2590, 3.8163, -10.7511



85.3860, 1.2887, 6.6775

Complementary

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



83.6430, -5.2470, 2.9441



76.3570, 5.2470, -2.9441

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.



84.7490, 4.0677, 1.9741



83.6430, -5.2470, 2.9441



83.3240, 5.2633, -8.1771

Square

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



83.6430, -5.2470, 2.9441



81.9880, 1.4849, -9.6365



84.0580, 5.3944, -3.5589



85.1260, -1.0481, 9.5365

Rectangle

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



83.6430, -5.2470, 2.9441



82.6850, -2.3097, -5.8627



84.0580, 5.3944, -3.5589



85.0160, 2.4571, 5.2480

Sweetspot

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



83.6430, -5.2470, 2.9441



110.8430, -1.8946, 1.0147



77.5280, -0.7533, 8.3069



55.0710, -1.0210, 0.8147



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.



83.6430, -5.2470, 2.9441



107.2580, -8.0152, 4.1587



84.2080, -5.5255, -1.0594



41.9570, -1.4578, 0.9147



81.3010, -40.0814, 22.5380



178.2730, -87.8886, 49.7496

Inverse Universe

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



76.3570, 5.2470, -2.9441



95.7420, 8.0152, -4.1587



75.7920, 5.5255, 1.0594



40.0430, 1.4578, -0.9147



25.6990, 40.0814, -22.5380



56.1400, 88.1780, -49.2348

Previews

White Background



This preview shows how the YUV color 83.6430, -5.2470, 2.9441 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 83.6430, -5.2470, 2.9441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

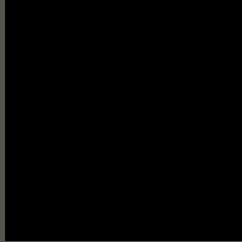
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.6430, -5.2470, 2.9441

Background



This preview shows how black text looks on a background with the YUV color 83.6430, -5.2470, 2.9441.



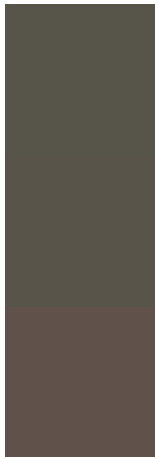
This preview shows how white text looks on a background with the YUV color 83.6430, -5.2470,

2.9441.

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

83.6430, -5.2470, 2.9441

Protanopia

83.9420, -5.3944, 3.5589

Deuteranopia

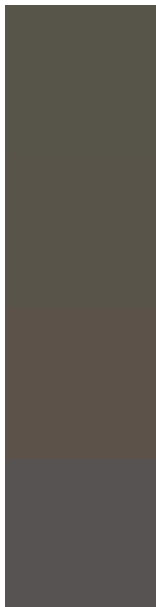
84.6870, -5.2687, 9.9215



Tritanopia

84.7770, 1.5889, 3.7036

Trichromacy



Original Color

83.6430, -5.2470, 2.9441

Protanomaly

83.9420, -5.3944, 3.5589

Deuteranomaly

84.3770, -5.1159, 7.5624

Tritanomaly

84.4950, -0.7370, 3.0739

Monochromacy



Original Color

83.6430, -5.2470, 2.9441

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8430, -1.8946, 1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6430, -5.2470, 2.9441 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(87, 84, 73)` looks like.

```
.text, #text, p{  
    color:rgb(87, 84, 73)  
}
```

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(87, 84, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 84, 73) }
```

Border

The CSS property to change the border of an element to YUV 83.6430, -5.2470, 2.9441 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(87, 84, 73) }
```


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

```
.border{ border-color:rgb(87, 84, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 84, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 84, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 84, 73);  
box-shadow:4px 4px 4px 4px rgb(87, 84, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.6430, -5.2470, 2.9441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 84, 73) }
```

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

```
.background{ background-color: rgb(87, 84,  
73) }
```

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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