

Converting Colors

YUV(83.0590, -12.8471,
13.9803)

Have a look what the booklet for
YUV(83.0590, -12.8471, 13.9803)
contains.

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Color

**YUV(83.0590, -12.8471,
13.9803)**

Conversions

Conversions Part 1

Format	Color
Hex	635039
RGB	99, 80, 57
RGB Percent	39%, 31%, 22%
CMY	0.6118, 0.6863, 0.7765
CMYK	0.00, 0.19, 0.42, 0.61
HSL	33°, 27%, 31%
HSV	33°, 42%, 39%
XYZ	8.7528, 8.6854, 5.0860
YIQ	83.0590, 18.7070, -3.1250

Conversions

Conversions Part 2

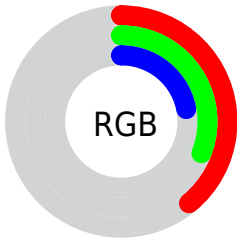
Format	Color
RYB	92, 99, 57
Decimal	6508601
CIELab	35.37, 4.36, 16.54
CIElCh	35, 17.109, 75.228
Yxy	8.6854, 0.3886, 0.3856
Android (android.graphics.Color)	4284698681 (0xFF635039)
YUV	83.0590, -12.8471, 13.9803
Hunter-Lab	29.4710, 1.4397, 10.3976

Details

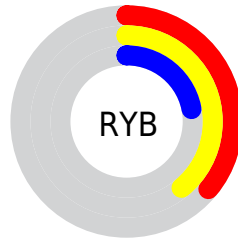
The YUV color **83.0590, -12.8471, 13.9803** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **72.9410, 12.8471, -13.9803**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7280, -14.1629, 16.0245**, and **37.9770, -11.8207, 11.4212** is the 20% darker color. If you saturate the color by 10%, you get **79.5710, -16.0575, 17.0392**, and if you desaturate by 10%, it is **86.5470, -9.6367, 10.9213**.

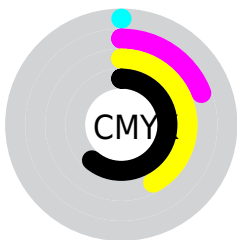
Distribution



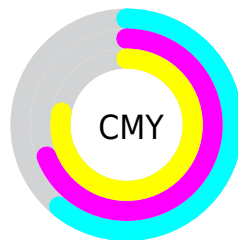
- Red (39%)
- Green (31%)
- Blue (22%)



- Red (36%)
- Yellow (39%)
- Blue (22%)



- Cyan (0%)
- Magenta (19%)
- Yellow (42%)
- Black (61%)



- Cyan (61%)
- Magenta (69%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.0590, -12.8471, 13.9803 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 83.0590, -12.8471, 13.9803 by changing the saturation by 10% instead.

■ 83.0590, -12.8471,
13.9803

■ 83.0590, -12.8471,
13.9803

■ 255.0000, 0.0000,
0.0000

■ 59.5750, -12.1155,
12.6507

■ 132.7280,
-14.1629, 16.0245

■ 37.9770, -11.8207,
11.4212

■ 158.9130,
-14.7471, 16.7393

■ 17.4760, -8.6157,
10.1065

■ 186.2120,
-14.8945, 17.3541

■ 0.0000, 0.0000,
0.0000

■ 213.9840,
-15.7681, 17.5540

■ 239.8910,
-14.7363, 13.2506

■ 253.0620, -7.4256,

1.6996

■ 83.0590, -12.8471,
13.9803

■ 83.0590, -12.8471,
13.9803

■ 79.5710, -16.0575,
17.0392

■ 86.5470, -9.6367,
10.9213

■ 75.4960, -18.9785,
20.6130

■ 90.6220, -6.7156,
7.3475

■ 72.0080, -22.1889,
23.6720

■ 94.1100, -3.5052,
4.2885

■ 67.9330, -25.1100,
27.2458

■ 98.1850, -0.5842,
0.7148

■ 64.5590, -27.8836,
30.2048

■ 101.6730, 2.6262,
-2.3442

■ 61.2990, -30.2204,
33.0638

■ 105.6340, 5.1104,
-5.8180

■ 109.1220, 8.3209,
-8.8770

■ 113.1970, 11.2419,
-12.4508

■ 116.6850, 14.4523,
-15.5097

Harmonies

Analogous

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



84.2000, -9.9586, 20.8726



83.0590, -12.8471, 13.9803



82.1070, -12.3778, 3.4142

Triad

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



83.0590, -12.8471, 13.9803



76.5340, 6.6387, -29.4093



84.9330, 8.4140, 7.9518

Complementary

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



83.0590, -12.8471, 13.9803



72.9410, 12.8471, -13.9803

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.



83.2840, 12.6780, -6.3881



83.0590, -12.8471, 13.9803



77.0160, 12.3171, -30.7090

Square

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



83.0590, -12.8471, 13.9803



77.9390, -0.9559, -20.1175



79.6520, 14.4686, -20.7428



85.5060, 2.7085, 17.9732

Rectangle

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



83.0590, -12.8471, 13.9803



80.7470, -9.7353, -4.1631



79.6520, 14.4686, -20.7428



84.6550, 10.0301, 2.9336

Sweetspot

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



83.0590, -12.8471, 13.9803



121.3660, -5.1104, 5.8180



71.8380, 2.5449, 23.8211



59.9250, -2.9210, 3.5738



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



83.0590, -12.8471, 13.9803



102.8660, -20.1469, 22.0425



93.9130, -18.1981, 3.5843



46.3700, -1.1684, 1.4295



69.2950, -34.1624, 37.4523



148.6570, -73.2879, 80.1078

Inverse Universe

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



72.9410, 12.8471, -13.9803



87.1340, 20.1469, -22.0425



62.0870, 18.1981, -3.5843



45.6300, 1.1684, -1.4295



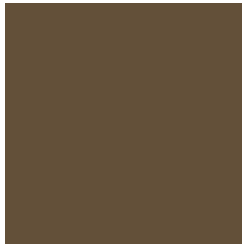
42.7050, 34.1624, -37.4523



90.7560, 73.5773, -79.5930

Previews

White Background



This preview shows how the YUV color 83.0590, -12.8471, 13.9803 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 83.0590, -12.8471, 13.9803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

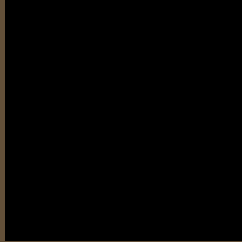
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.0590, -12.8471, 13.9803

Background



This preview shows how black text looks on a background with the YUV color 83.0590, -12.8471, 13.9803.



This preview shows how white text looks on a background with the YUV color 83.0590, -12.8471,

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

83.0590, -12.8471, 13.9803

Protanopia

82.2430, -11.9518, 6.8029

Deuteranopia

83.3580, -12.9945, 14.5950



Tritanopia

85.1590, -1.0644, 14.7696

Trichromacy



Original Color

83.0590, -12.8471, 13.9803

Protanomaly

82.5530, -12.1046, 9.1620

Deuteranomaly

83.3580, -12.9945, 14.5950

Tritanomaly

84.4210, -5.1376, 14.5398

Monochromacy



Original Color

83.0590, -12.8471, 13.9803

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1810, -4.5262, 5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.0590, -12.8471, 13.9803 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(99, 80, 57)` looks like.

```
.text, #text, p{  
    color:rgb(99, 80, 57)  
}
```

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(99, 80, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 80, 57) }
```

Border

The CSS property to change the border of an element to YUV 83.0590, -12.8471, 13.9803 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(99, 80, 57) }
```


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

```
.border{ border-color:rgb(99, 80, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 80, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 80, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 80, 57);  
box-shadow:4px 4px 4px 4px rgb(99, 80, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.0590, -12.8471, 13.9803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 80, 57) }
```

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

```
.background{ background-color: rgb(99, 80,  
57) }
```

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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