

Converting Colors

YUV(83.5610, -0.7696, 13.5400)

Have a look what the booklet for
YUV(83.5610, -0.7696, 13.5400)
contains.

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Color

**YUV(83.5610, -0.7696,
13.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	634C52
RGB	99, 76, 82
RGB Percent	39%, 30%, 32%
CMY	0.6118, 0.7020, 0.6784
CMYK	0.00, 0.23, 0.17, 0.61
HSL	344°, 13%, 34%
HSV	344°, 23%, 39%
XYZ	9.2530, 8.4307, 9.1222
YIQ	83.5610, 11.7820, 6.7420

Conversions

Conversions Part 2

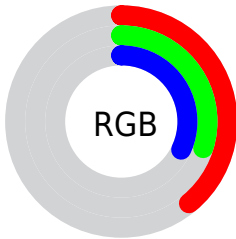
Format	Color
RYB	99, 76, 82
Decimal	6507602
CIELab	34.86, 10.77, 0.18
CIELCh	35, 10.772, 0.974
Yxy	8.4307, 0.3452, 0.3145
Android (android.graphics.Color)	4284697682 (0xFF634C52)
YUV	83.5610, -0.7696, 13.5400
Hunter-Lab	29.0357, 6.0714, 1.6977

Details

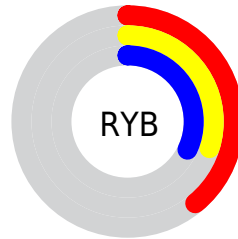
The YUV color **83.5610, -0.7696, 13.5400** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **91.4390, 0.7696, -13.5400**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1590, -1.0644, 14.7696**, and **38.5500, -0.7641, 11.7957** is the 20% darker color. If you saturate the color by 10%, you get **76.8930, -0.9332, 19.3878**, and if you desaturate by 10%, it is **90.2290, -0.6059, 7.6922**.

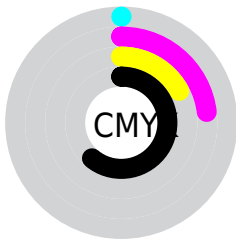
Distribution



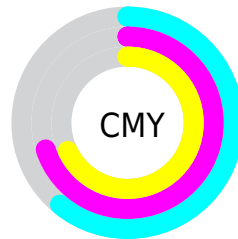
- Red (39%)
- Green (30%)
- Blue (32%)



- Red (39%)
- Yellow (30%)
- Blue (32%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (61%)



- Cyan (61%)
- Magenta (70%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5610, -0.7696, 13.5400 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 83.5610, -0.7696, 13.5400 by changing the saturation by 10% instead.

■ 83.5610, -0.7696,
13.5400

■ 83.5610, -0.7696,
13.5400

■ 255.0000, 0.0000,
0.0000

■ 60.2620, -0.6222,
12.9252

■ 133.1590, -1.0644,
14.7696

■ 38.5500, -0.7641,
11.7957

■ 159.4580, -1.2118,
15.3843

■ 16.4900, 0.2514,
12.7253

■ 186.4580, -1.2118,
15.3843

■ 0.0000, 0.0000,
0.0000

■ 214.1700, -1.0698,
16.5139

■ 240.3760, -0.1854,
12.8252

■ 83.5610, -0.7696,
13.5400

■ 83.5610, -0.7696,
13.5400

■ 76.8930, -0.9332,
19.3878

■ 90.2290, -0.6059,
7.6922

■ 70.1110, -1.5337,
25.3357

■ 97.0110, -0.0054,
1.7444

■ 63.4430, -1.6974,
31.1835

■ 103.6790, 0.1583,
-4.1035

■ 56.7750, -1.8611,
37.0313

■ 110.3470, 0.3219,
-9.9513

■ 49.9930, -2.4615,
42.9791

■ 117.1290, 0.9224,
-15.8991

■ 43.9120, -2.9146,
48.3122

■ 123.2100, 1.3755,
-21.2322

■ 37.2440, -3.0783,
54.1600

■ 129.8780, 1.5391,
-27.0800

■ 32.5650, -3.2365,

■ 136.6600, 2.1396,

58.2635

-33.0278

■ 143.3280, 2.3033,
-38.8757

Harmonies

Analogous

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



83.2660, 3.3199, 8.5367



83.5610, -0.7696, 13.5400



83.5350, -4.7008, 14.4398

Triad

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



83.5610, -0.7696, 13.5400



80.5670, -6.6885, -1.3743



79.7900, 8.4845, -14.7248

Complementary

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



83.5610, -0.7696, 13.5400



91.4390, 0.7696, -13.5400

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.



78.9700, 5.4378, -17.5137



83.5610, -0.7696, 13.5400



79.4350, -3.1725, -9.1515

Square

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



83.5610, -0.7696, 13.5400



81.2690, -8.0206, 5.9031



78.9550, 1.5012, -14.8695



81.8340, 8.4628, -7.7474

Rectangle

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



83.5610, -0.7696, 13.5400



82.9540, -6.8793, 13.1953



78.9550, 1.5012, -14.8695



79.5510, 7.6164, -16.2692

Sweetspot

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



83.5610, -0.7696, 13.5400



121.9190, -0.4531, 5.3330



83.7050, 7.5404, 8.1517



60.6090, -0.3002, 2.9739



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.



83.5610, -0.7696, 13.5400



103.7900, -1.3755, 21.2322



85.8120, -4.8373, 11.5659



45.3100, -0.1528, 2.3591



36.7940, -3.8424, 65.9557



78.9420, -7.8594, 141.2479

Inverse Universe

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



83.5610, -0.7696, 13.5400



103.7900, -1.3755, 21.2322



89.1880, 4.8373, -11.5659



45.3100, -0.1528, 2.3591



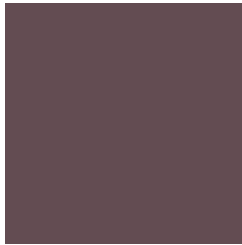
36.7940, -3.8424, 65.9557



78.9420, -7.8594, 141.2479

Previews

White Background



This preview shows how the YUV color 83.5610, -0.7696, 13.5400 looks on a white background.

Color Contrast Check

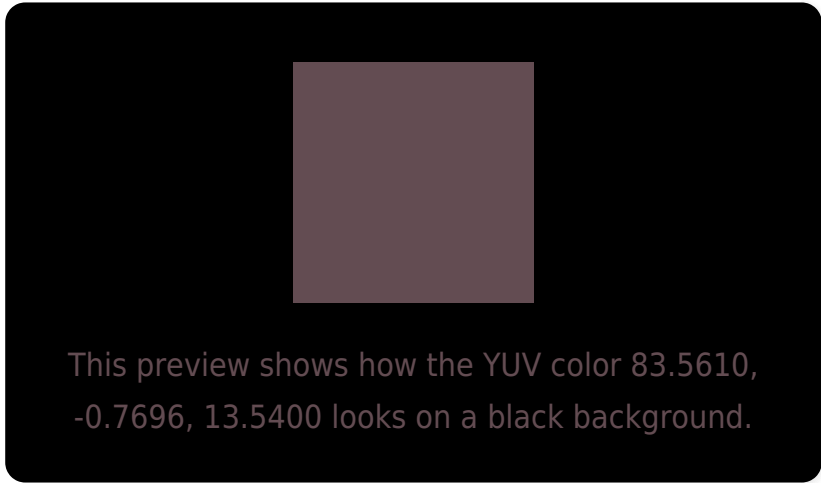
Large Text (above 18pt) WCAG AA ✓ Pass

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

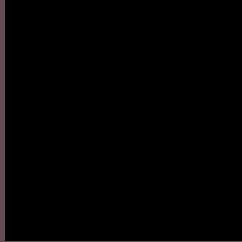
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.5610, -0.7696, 13.5400

Background



This preview shows how black text looks on a background with the YUV color 83.5610, -0.7696, 13.5400.

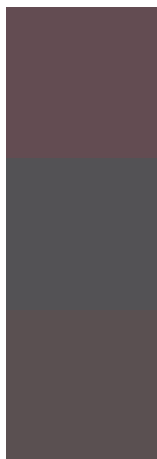


This preview shows how white text looks on a background with the YUV color 83.5610, -0.7696,

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

83.5610, -0.7696, 13.5400

Protanopia

82.6410, 1.1630, 0.3148

Deuteranopia

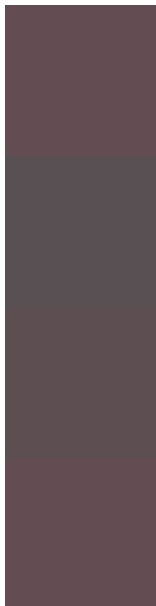
83.1040, -1.0373, 6.0478



Tritanopia

83.5610, -0.7696, 13.5400

Trichromacy



Original Color

83.5610, -0.7696, 13.5400

Protanomaly

83.1470, 0.4205, 5.1331

Deuteranomaly

83.4140, -1.1901, 8.4069

Tritanomaly

83.5610, -0.7696, 13.5400

Monochromacy



Original Color

83.5610, -0.7696, 13.5400

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.6200, -0.3057, 4.7183

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5610, -0.7696, 13.5400 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, 76, 82)` looks like.

```
.text, #text, p{  
    color:rgb(99, 76, 82)  
}
```

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, 76, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 76, 82) }
```

Border

The CSS property to change the border of an element to YUV 83.5610, -0.7696, 13.5400 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, 76, 82) }
```


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

```
.border{ border-color:rgb(99, 76, 82) }
```

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

Here you see how a box with a 4 pixel rgb(99, 76, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 76, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 76, 82);  
box-shadow:4px 4px 4px 4px rgb(99, 76, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.5610, -0.7696, 13.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 76, 82) }
```

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

```
.background{ background-color: rgb(99, 76,  
82) }
```

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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