

Converting Colors

YUV(81.3870, -13.5018,
37.3716)

Have a look what the booklet for
YUV(81.3870, -13.5018, 37.3716)
contains.

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Color

**YUV(81.3870, -13.5018,
37.3716)**

Conversions

Conversions Part 1

Format	Color
Hex	7C4136
RGB	124, 65, 54
RGB Percent	49%, 25%, 21%
CMY	0.5137, 0.7451, 0.7882
CMYK	0.00, 0.48, 0.56, 0.51
HSL	9°, 39%, 35%
HSV	9°, 56%, 49%
XYZ	10.8683, 8.3320, 4.5254
YIQ	81.3870, 38.6950, 9.0870

Conversions

Conversions Part 2

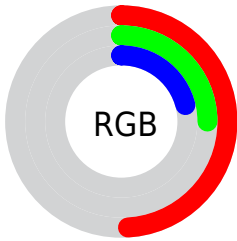
Format	Color
R_{YB}	124, 67, 54
Decimal	8143158
CIE _{Lab}	34.67, 24.30, 18.08
CIE _{LCh}	35, 30.287, 36.640
Yxy	8.3320, 0.4581, 0.3512
Android (android.graphics.Color)	4286333238 (0xFF7C4136)
YUV	81.3870, -13.5018, 37.3716
Hunter-Lab	28.8652, 16.6946, 10.9103

Details

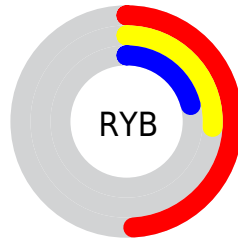
The YUV color **81.3870, -13.5018, 37.3716** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **96.6130, 13.5018, -37.3716**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9530, -15.2598, 41.2602**, and **33.5220, -11.5963, 32.8682** is the 20% darker color. If you saturate the color by 10%, you get **74.1490, -15.8495, 43.7193**, and if you desaturate by 10%, it is **88.6250, -11.1541, 31.0239**.

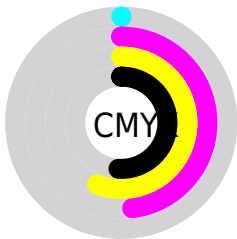
Distribution



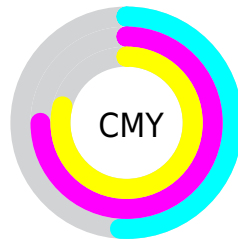
- Red (49%)
- Green (25%)
- Blue (21%)



- Red (49%)
- Yellow (26%)
- Blue (21%)



- Cyan (0%)
- Magenta (48%)
- Yellow (56%)
- Black (51%)



- Cyan (51%)
- Magenta (75%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3870, -13.5018, 37.3716 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 81.3870, -13.5018, 37.3716 by changing the saturation by 10% instead.

81.3870, -13.5018,
37.3716

81.3870, -13.5018,
37.3716

255.0000, 0.0000,
0.0000

57.4190, -12.0386,
34.7125

131.9530,
-15.2598, 41.2602

33.5220, -11.5963,
32.8682

158.7360,
-16.1388, 43.2045

14.0530, -6.9281,
28.8945

185.6330,
-16.5811, 45.0489

0.8970, -0.4422,
1.8443

210.5290,
-15.5438, 39.0011

0.0000, 0.0000,
0.0000

230.0430,
-11.8532, 21.8873

250.2580, -8.0152,

4.1587

■ 81.3870, -13.5018,
37.3716

■ 81.3870, -13.5018,
37.3716

■ 74.1490, -15.8495,
43.7193

■ 88.6250, -11.1541,
31.0239

■ 66.2100, -18.3445,
50.6818

■ 96.5640, -8.6591,
24.0614

■ 58.9720, -20.6922,
57.0296

■ 103.8020, -6.3114,
17.7136

■ 51.0330, -23.1873,
63.9921

■ 111.7410, -3.8163,
10.7511

■ 48.2290, -23.7769,
66.4512

■ 118.9790, -1.4686,
4.4034

■ 126.8040, 0.5896,
-2.4591

■ 134.1560, 3.3741,
-8.9068

■ 141.9810, 5.4324,
-15.7693

■ 149.3330, 8.2168,
-22.2170

Harmonies

Analogous

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



82.2590, -2.5927, 38.3609



81.3870, -13.5018, 37.3716



80.2580, -21.3262, 26.9607

Triad

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



81.3870, -13.5018, 37.3716



70.3410, -4.1121, -34.5021



77.4910, 25.3939, -24.9866

Complementary

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



81.3870, -13.5018, 37.3716



96.6130, 13.5018, -37.3716

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.



66.4930, 28.8440, -58.3144



81.3870, -13.5018, 37.3716



64.9820, 10.3619, -56.9892

Square

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



81.3870, -13.5018, 37.3716



75.7650, -17.1391, -9.4409



67.1310, 21.1344, -58.8739



83.4410, 18.0236, 5.7522

Rectangle

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



81.3870, -13.5018, 37.3716



79.3230, -23.3302, 16.3797



67.1310, 21.1344, -58.8739



73.2720, 27.4739, -38.8265

Sweetspot

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



81.3870, -13.5018, 37.3716



144.3070, -5.5744, 14.6398



81.7700, 15.8894, 37.0357



71.8440, -3.3741, 8.9068



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



81.3870, -13.5018, 37.3716



94.4560, -21.4238, 58.3591



101.3450, -23.3411, 19.8684



57.3810, -1.1738, 3.1739



49.1150, -24.2137, 66.5511



98.8280, -48.7222, 134.3318

Inverse Universe

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



96.6130, 13.5018, -37.3716



117.5440, 21.4238, -58.3591



76.6550, 23.3411, -19.8684



58.6190, 1.1738, -3.1739



75.8850, 24.2137, -66.5511



153.7590, 48.4328, -134.8466

Previews

White Background



This preview shows how the YUV color 81.3870, -13.5018, 37.3716 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 81.3870, -13.5018, 37.3716 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 81.3870, -13.5018, 37.3716

Background



This preview shows how black text looks on a background with the YUV color 81.3870, -13.5018, 37.3716.

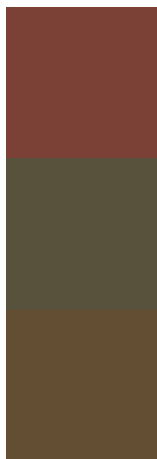


This preview shows how white text looks on a background with the YUV color 81.3870, -13.5018,

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

81.3870, -13.5018, 37.3716

Protanopia

81.4000, -10.0572, 5.7882

Deuteranopia

81.3150, -14.4523, 15.5097



Tritanopia

82.1080, -6.9552, 37.6163

Trichromacy



Original Color

81.3870, -13.5018, 37.3716

Protanomaly

81.4230, -11.5475, 17.1690

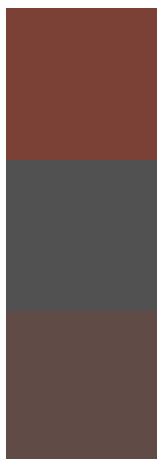
Deuteranomaly

81.1850, -13.8952, 23.5168

Tritanomaly

82.1250, -9.4286, 37.6014

Monochromacy



Original Color

81.3870, -13.5018, 37.3716

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1220, -4.9901, 13.9250

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3870, -13.5018, 37.3716 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(124, 65, 54)` looks like.

```
.text, #text, p{  
    color:rgb(124, 65, 54)  
}
```

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(124, 65, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 65, 54) }
```

Border

The CSS property to change the border of an element to YUV 81.3870, -13.5018, 37.3716 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(124, 65, 54) }
```


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

```
.border{ border-color:rgb(124, 65, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 65, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 65, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 65, 54);  
box-shadow:4px 4px 4px 4px rgb(124, 65,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 81.3870, -13.5018, 37.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 65, 54) }
```

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

```
.background{ background-color: rgb(124, 65,  
54) }
```

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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