

Converting Colors

YUV(82.7730, -15.6641,
30.8941)

Have a look what the booklet for
YUV(82.7730, -15.6641, 30.8941)
contains.

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Color

**YUV(82.7730, -15.6641,
30.8941)**

Conversions

Conversions Part 1

Format	Color
Hex	764733
RGB	118, 71, 51
RGB Percent	46%, 28%, 20%
CMY	0.5373, 0.7216, 0.8000
CMYK	0.00, 0.40, 0.57, 0.54
HSL	18°, 40%, 33%
HSV	18°, 57%, 46%
XYZ	10.3220, 8.5970, 4.2473
YIQ	82.7730, 34.4320, 3.7440

Conversions

Conversions Part 2

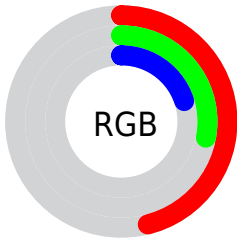
Format	Color
R_{YB}	118, 80, 51
Decimal	7751475
CIE _{Lab}	35.20, 17.87, 20.44
CIE _{LCh}	35, 27.154, 48.832
Yxy	8.5970, 0.4456, 0.3711
Android (android.graphics.Color)	4285941555 (0xFF764733)
YUV	82.7730, -15.6641, 30.8941
Hunter-Lab	29.3207, 11.5274, 11.9359

Details

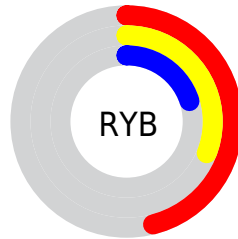
The YUV color **82.7730, -15.6641, 30.8941** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.2270, 15.6641, -30.8941**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3390, -17.4221, 34.7827**, and **35.6800, -14.6322, 26.5906** is the 20% darker color. If you saturate the color by 10%, you get **76.7090, -18.5905, 36.2122**, and if you desaturate by 10%, it is **88.8370, -12.7376, 25.5760**.

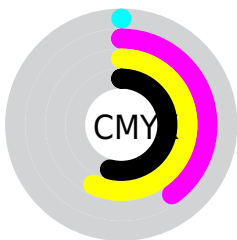
Distribution



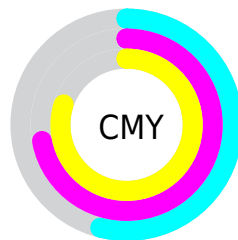
- Red (46%)
- Green (28%)
- Blue (20%)



- Red (46%)
- Yellow (31%)
- Blue (20%)



- Cyan (0%)
- Magenta (40%)
- Yellow (57%)
- Black (54%)



- Cyan (54%)
- Magenta (72%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.7730, -15.6641, 30.8941 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 82.7730, -15.6641, 30.8941 by changing the saturation by 10% instead.

■ 82.7730, -15.6641,
30.8941

■ 82.7730, -15.6641,
30.8941

■ 255.0000, 0.0000,
0.0000

■ 59.1040, -14.3483,
28.8498

■ 133.3390,
-17.4221, 34.7827

■ 35.6800, -14.6322,
26.5906

■ 159.8230,
-18.1537, 36.1122

■ 14.9060, -7.3487,
23.7614

■ 186.7200,
-18.5960, 37.9566

■ 0.0000, 0.0000,
0.0000

■ 213.5950,
-19.0273, 36.3122

■ 233.2230,
-14.8999, 19.0984

■ 252.2640,

-10.4832, 2.3995

■ 82.7730, -15.6641,
30.8941

■ 82.7730, -15.6641,
30.8941

■ 76.7090, -18.5905,
36.2122

■ 88.8370, -12.7376,
25.5760

■ 70.0580, -21.2276,
42.0451

■ 95.4880, -10.1006,
19.7430

■ 64.1080, -23.7172,
47.2633

■ 101.4380, -7.6109,
14.5249

■ 58.0440, -26.6437,
52.5814

■ 107.5020, -4.6845,
9.2067

■ 55.8270, -27.5227,
54.5257

■ 113.5660, -1.7580,
3.8886

■ 120.2170, 0.8790,
-1.9443

■ 126.2810, 3.8055,
-7.2624

■ 132.2310, 6.2951,
-12.4806

■ 138.2950, 9.2216,
-17.7987

Harmonies

Analogous

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



83.7980, -6.8024, 35.2572



82.7730, -15.6641, 30.8941



81.7300, -20.5729, 18.6538

Triad

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



82.7730, -15.6641, 30.8941



70.2030, 1.8719, -40.5200



82.6240, 20.3984, -9.3172

Complementary

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



82.7730, -15.6641, 30.8941



86.2270, 15.6641, -30.8941

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.



73.3920, 25.4427, -40.6858



82.7730, -15.6641, 30.8941



66.1220, 14.7299, -57.9890

Square

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



82.7730, -15.6641, 30.8941



76.8010, -11.7339, -16.4885



67.1140, 23.6078, -58.8590



85.4160, 12.6129, 14.5442

Rectangle

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



82.7730, -15.6641, 30.8941



80.6640, -20.5404, 8.1877



67.1140, 23.6078, -58.8590



80.6120, 21.8833, -18.9537

Sweetspot

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



82.7730, -15.6641, 30.8941



139.4700, -6.1477, 11.8658



76.5050, 11.0900, 36.3911



68.7190, -3.8055, 7.2624



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



82.7730, -15.6641, 30.8941



98.2930, -24.3014, 47.9780



101.5570, -24.9246, 14.4205



55.9680, -1.4632, 2.6591



58.1970, -28.6911, 55.9552



118.7750, -58.5561, 115.0843

Inverse Universe

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



86.2270, 15.6641, -30.8941



103.7070, 24.3014, -47.9780



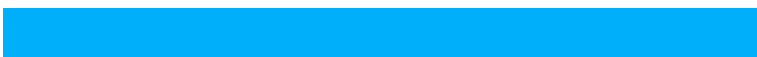
67.4430, 24.9246, -14.4205



56.0320, 1.4632, -2.6591



64.3900, 28.4017, -56.4700



131.2250, 58.5561, -115.0843

Previews

White Background



This preview shows how the YUV color 82.7730, -15.6641, 30.8941 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 82.7730, -15.6641, 30.8941 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 82.7730, -15.6641, 30.8941

Background



This preview shows how black text looks on a background with the YUV color 82.7730, -15.6641, 30.8941.

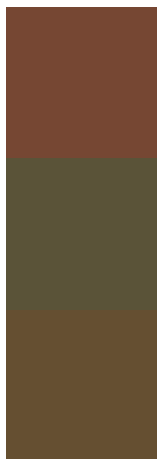


This preview shows how white text looks on a background with the YUV color 82.7730, -15.6641,

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

82.7730, -15.6641, 30.8941

Protanopia

82.0150, -12.8254, 7.0028

Deuteranopia

82.1580, -16.3469, 16.5244



Tritanopia

84.1180, -5.4812, 31.4685

Trichromacy



Original Color

82.7730, -15.6641, 30.8941

Protanomaly

82.4290, -14.0155, 15.4098

Deuteranomaly

82.3050, -15.9264, 21.6575

Tritanomaly

83.4940, -9.1175, 31.1388

Monochromacy



Original Color

82.7730, -15.6641, 30.8941

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1710, -6.0003, 11.2510

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.7730, -15.6641, 30.8941 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(118, 71, 51)` looks like.

```
.text, #text, p{  
    color:rgb(118, 71, 51)  
}
```

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(118, 71, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 71, 51) }
```

Border

The CSS property to change the border of an element to YUV 82.7730, -15.6641, 30.8941 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(118, 71, 51) }
```


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

```
.border{ border-color:rgb(118, 71, 51) }
```

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

Here you see how a box with a 4 pixel rgb(118, 71, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 71, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 71, 51);  
box-shadow:4px 4px 4px 4px rgb(118, 71,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 82.7730, -15.6641, 30.8941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 71, 51) }
```

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

```
.background{ background-color: rgb(118, 71,  
51) }
```

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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