

Converting Colors

YUV(113.7770, -15.1731,
13.3506)

Have a look what the booklet for
YUV(113.7770, -15.1731, 13.3506)
contains.

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Color

**YUV(113.7770, -15.1731,
13.3506)**

Conversions

Conversions Part 1

Format	Color
Hex	817053
RGB	129, 112, 83
RGB Percent	51%, 44%, 33%
CMY	0.4941, 0.5608, 0.6745
CMYK	0.00, 0.13, 0.36, 0.49
HSL	38°, 22%, 42%
HSV	38°, 36%, 51%
XYZ	16.4088, 16.8800, 10.5769
YIQ	113.7770, 19.4410, -5.4150

Conversions

Conversions Part 2

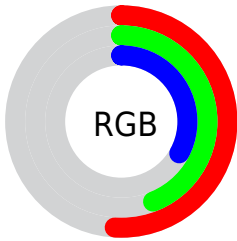
Format	Color
R_{YB}	110, 129, 83
Decimal	8482899
CIE Lab	48.11, 2.08, 18.59
CIE LCh	48, 18.709, 83.621
Yxy	16.8800, 0.3741, 0.3848
Android (android.graphics.Color)	4286672979 (0xFF817053)
YUV	113.7770, -15.1731, 13.3506
Hunter-Lab	41.0853, -0.6094, 13.4961

Details

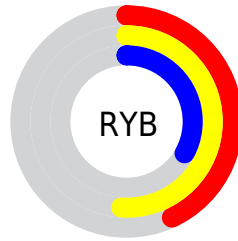
The YUV color **113.7770, -15.1731, 13.3506** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **98.2230, 15.1731, -13.3506**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1470, -16.3415, 14.7801**, and **65.5210, -13.5679, 11.8211** is the 20% darker color. If you saturate the color by 10%, you get **109.3600, -19.4045, 17.2243**, and if you desaturate by 10%, it is **118.1940, -10.9416, 9.4769**.

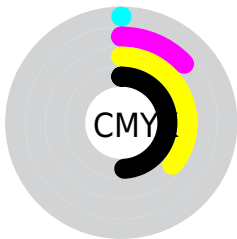
Distribution



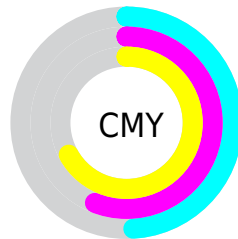
- Red (51%)
- Green (44%)
- Blue (33%)



- Red (43%)
- Yellow (51%)
- Blue (33%)



- Cyan (0%)
- Magenta (13%)
- Yellow (36%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7770, -15.1731, 13.3506 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 113.7770, -15.1731, 13.3506 by changing the saturation by 10% instead.

■ 113.7770,
-15.1731, 13.3506

■ 113.7770,
-15.1731, 13.3506

■ 255.0000, 0.0000,
0.0000

■ 89.2930, -14.4414,
12.0210

■ 166.1470,
-16.3415, 14.7801

■ 65.5210, -13.5679,
11.8211

■ 193.3320,
-16.9257, 15.4948

■ 43.0370, -12.8362,
10.4916

■ 220.6310,
-17.0731, 16.1096

■ 22.7810, -11.2310,
8.9621

■ 245.6300,
-15.5936, 8.2175

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,
1.2997

■ 113.7770,
-15.1731, 13.3506

■ 113.7770,
-15.1731, 13.3506

■ 109.3600,
-19.4045, 17.2243

■ 118.1940,
-10.9416, 9.4769

■ 104.9430,
-23.6359, 21.0980

■ 122.6110, -6.7102,
5.6032

■ 101.1130,
-28.1567, 24.4569

■ 126.4410, -2.1894,
2.2442

■ 96.6960, -32.3881,
28.3306

■ 130.8580, 2.0420,
-1.6295

■ 92.3930, -36.1827,
32.1043

■ 135.1610, 5.8366,
-5.4032

■ 87.9760, -40.4142,
35.9780

■ 139.5780, 10.0680,
-9.2769

■ 86.1180, -42.4562,
37.6075

■ 143.4080, 14.5889,
-12.6358

■ 147.8250, 18.8203,

-16.5095

■ 152.2420, 23.0517,
-20.3832

Harmonies

Analogous

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



115.1140, -12.8742, 22.7020



113.7770, -15.1731, 13.3506



112.1560, -13.3879, 0.7402

Triad

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



113.7770, -15.1731, 13.3506



106.8970, 9.4178, -34.1127



116.5530, 8.1084, 12.6700

Complementary

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



113.7770, -15.1731, 13.3506



98.2230, 15.1731, -13.3506

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.



114.9470, 13.8301, -2.5845



113.7770, -15.1731, 13.3506



108.7000, 14.9379, -31.3089

Square

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



113.7770, -15.1731, 13.3506



108.0630, 0.9549, -26.3653



112.1190, 16.2103, -19.3984



116.6700, 0.6557, 23.0914

Rectangle

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



113.7770, -15.1731, 13.3506



111.0130, -9.8664, -8.7814



112.1190, 16.2103, -19.3984



116.6880, 10.0138, 8.1666

Sweetspot

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



113.7770, -15.1731, 13.3506



161.8390, -5.8366, 5.4032



98.8060, 1.0816, 26.4801



80.3980, -3.6472, 3.1590



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



113.7770, -15.1731, 13.3506



144.5300, -23.9253, 20.5832



122.2610, -19.3557, 1.5251



61.4410, -2.1894, 2.2442



85.2320, -42.0194, 37.5075



0.0000, 0.0000, 0.0000

Inverse Universe

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



98.2230, 15.1731, -13.3506



120.0570, 23.6359, -21.0980



89.7390, 19.3557, -1.5251



59.5590, 2.1894, -2.2442



42.1810, 42.3088, -36.9927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 113.7770, -15.1731, 13.3506 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 × Fail

Black Background



This preview shows how the YUV color 113.7770, -15.1731, 13.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

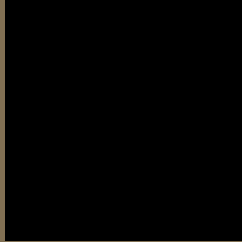
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.7770, -15.1731, 13.3506

Background



This preview shows how black text looks on a background with the YUV color 113.7770, -15.1731, 13.3506.



This preview shows how white text looks on a background with the YUV color 113.7770, -15.1731, 13.3506.

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

113.7770, -15.1731, 13.3506

Protanopia

113.2710, -14.4306, 8.5323

Deuteranopia

114.5110, -15.0419, 17.9689



Tritanopia

116.3870, -0.1908, 14.5696

Trichromacy



Original Color

113.7770, -15.1731, 13.3506

Protanomaly

113.2820, -14.4360, 10.2767

Deuteranomaly

114.5000, -15.0365, 16.2245

Tritanomaly

115.3070, -5.5744, 14.6398

Monochromacy



Original Color

113.7770, -15.1731, 13.3506

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.6540, -5.2524, 4.6884

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7770, -15.1731, 13.3506 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(129, 112, 83)` looks like.

```
.text, #text, p{  
    color:rgb(129, 112, 83)  
}
```

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(129, 112, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 112, 83) }
```

Border

The CSS property to change the border of an element to YUV 113.7770, -15.1731, 13.3506 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(129, 112, 83) }
```


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

```
.border{ border-color:rgb(129, 112, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 112, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 112, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 112, 83);  
box-shadow:4px 4px 4px 4px rgb(129, 112,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 113.7770, -15.1731, 13.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 112, 83) }
```

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

```
.background{ background-color: rgb(129,  
112, 83) }
```

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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