

Converting Colors

YUV(84.0250, 15.7637, 30.6731)

Have a look what the booklet for
YUV(84.0250, 15.7637, 30.6731)
contains.

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Color

**YUV(84.0250, 15.7637,
30.6731)**

Conversions

Conversions Part 1

Format	Color
Hex	773C74
RGB	119, 60, 116
RGB Percent	47%, 24%, 45%
CMY	0.5333, 0.7647, 0.5451
CMYK	0.00, 0.50, 0.03, 0.53
HSL	303°, 33%, 35%
HSV	303°, 50%, 47%
XYZ	12.3760, 8.4146, 17.4949
YIQ	84.0250, 17.1880, 29.9240

Conversions

Conversions Part 2

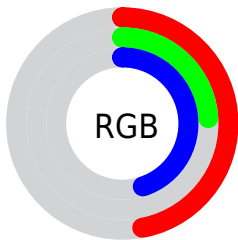
Format	Color
R_{YB}	119, 60, 116
Decimal	7814260
CIE _{Lab}	34.83, 34.32, -21.09
CIE _{LCh}	35, 40.284, 328.433
Yxy	8.4146, 0.3233, 0.2198
Android (android.graphics.Color)	4286004340 (0xFF773C74)
YUV	84.0250, 15.7637, 30.6731
Hunter-Lab	29.0079, 25.3916, -15.4526

Details

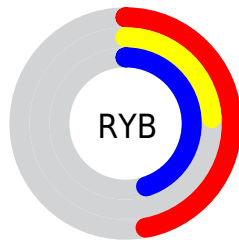
The YUV color **84.0250, 15.7637, 30.6731** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.9750, -15.7637, -30.6731**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4490, 16.0476, 32.9322**, and **33.9540, 16.7847, 29.8583** is the 20% darker color. If you saturate the color by 10%, you get **76.8670, 18.7996, 36.9506**, and if you desaturate by 10%, it is **91.1830, 12.7278, 24.3955**.

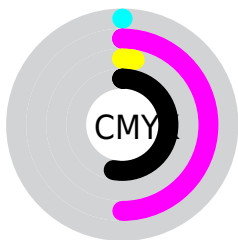
Distribution



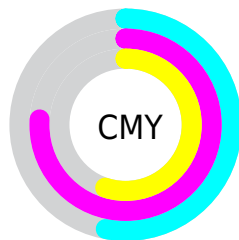
- Red (47%)
- Green (24%)
- Blue (45%)



- Red (47%)
- Yellow (24%)
- Blue (45%)



- Cyan (0%)
- Magenta (50%)
- Yellow (3%)
- Black (53%)



- Cyan (53%)
- Magenta (76%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0250, 15.7637, 30.6731 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 84.0250, 15.7637, 30.6731 by changing the saturation by 10% instead.

84.0250, 15.7637,
30.6731

84.0250, 15.7637,
30.6731

255.0000, 0.0000,
0.0000

59.3130, 15.6217,
29.5435

135.4490, 16.0476,
32.9322

33.9540, 16.7847,
29.8583

162.2750, 16.6264,
33.9618

18.5850, 13.0226,
23.1660

189.1010, 17.2052,
34.9914

7.5200, 8.1246,
7.4370

216.5030, 17.5000,
33.7619

0.0000, 0.0000,
0.0000

233.2810, 10.7075,
19.0476

250.3040, 2.3151,

4.1184

■ 84.0250, 15.7637,
30.6731

■ 84.0250, 15.7637,
30.6731

■ 76.8670, 18.7996,
36.9506

■ 91.1830, 12.7278,
24.3955

■ 69.8230, 22.2723,
43.1282

■ 98.2270, 9.2551,
18.2179

■ 62.6650, 25.3082,
49.4058

■ 105.3850, 6.2192,
11.9404

■ 55.6210, 28.7808,
55.5834

■ 112.4290, 2.7465,
5.7628

■ 48.4630, 31.8167,
61.8609

■ 119.0000, 0.0000,
0.0000

■ 126.1580, -3.0359,
-6.2776

■ 133.2020, -6.5086,
-12.4552

■ 140.3600, -9.5445,
-18.7327

■ 147.4040,
-13.0172, -24.9103

Harmonies

Analogous

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



82.9050, 27.6548, -3.4247



84.0250, 15.7637, 30.6731



80.8890, 2.0267, 50.0863

Triad

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



84.0250, 15.7637, 30.6731



77.8860, -33.9608, 19.3940



69.7070, 20.8504, -61.1330

Complementary

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



84.0250, 15.7637, 30.6731



94.9750, -15.7637, -30.6731

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.



65.9450, 6.4361, -57.8338



84.0250, 15.7637, 30.6731



74.7410, -27.4803, -5.9119

Square

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



84.0250, 15.7637, 30.6731



79.3690, -26.3109, 39.1414



65.9180, -9.3266, -42.0241



70.6820, 32.2018, -61.9881

Rectangle

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



84.0250, 15.7637, 30.6731



79.6800, -7.7302, 52.9006



65.9180, -9.3266, -42.0241



68.4530, 16.0457, -60.0333

Sweetspot

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



84.0250, 15.7637, 30.6731



141.6840, 6.0718, 12.5551



67.6230, 25.3289, -4.0544



70.6680, 3.6147, 7.3072



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



84.0250, 15.7637, 30.6731



101.4260, 24.4400, 47.8614



80.7190, 3.0965, 33.5724



55.3640, 1.2995, 3.1888



49.7020, 32.6849, 63.4053



101.7680, 66.6694, 129.9995

Inverse Universe

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



84.0250, 15.7637, 30.6731



101.4260, 24.4400, 47.8614



98.2810, -3.0965, -33.5724



55.3640, 1.2995, 3.1888



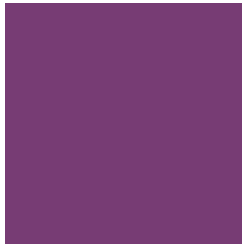
49.7020, 32.6849, 63.4053



101.7680, 66.6694, 129.9995

Previews

White Background



This preview shows how the YUV color 84.0250, 15.7637, 30.6731 looks on a white background.

Color Contrast Check

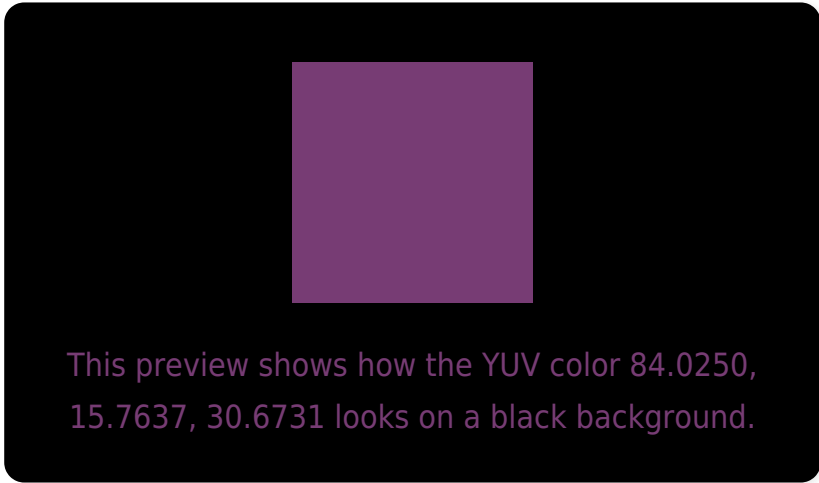
Large Text (above 18pt) WCAG AA ✓ Pass

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

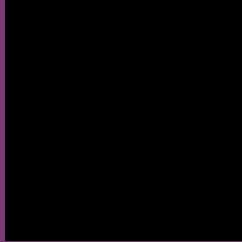
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0250, 15.7637, 30.6731

Background



This preview shows how black text looks on a background with the YUV color 84.0250, 15.7637, 30.6731.



This preview shows how white text looks on a background with the YUV color 84.0250, 15.7637,

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

84.0250, 15.7637, 30.6731

Protanopia

81.2470, 25.5142, -16.8796

Deuteranopia

82.4410, 14.5726, -7.4028



Tritanopia

83.7260, -4.3019, 26.5503

Trichromacy



Original Color

84.0250, 15.7637, 30.6731

Protanomaly

82.1460, 22.1130, 0.7490

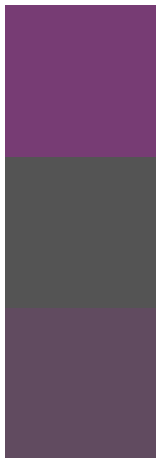
Deuteranomaly

82.6430, 14.9660, 6.4521

Tritanomaly

83.6860, 3.1128, 28.3394

Monochromacy



Original Color

84.0250, 15.7637, 30.6731

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9720, 5.9298, 11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0250, 15.7637, 30.6731 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(119, 60, 116)` looks like.

```
.text, #text, p{  
    color:rgb(119, 60, 116)  
}
```

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(119, 60, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 60, 116) }
```

Border

The CSS property to change the border of an element to YUV 84.0250, 15.7637, 30.6731 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(119, 60, 116) }
```


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

```
.border{ border-color:rgb(119, 60, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 60, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 60, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 60, 116);  
box-shadow:4px 4px 4px 4px rgb(119, 60,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 84.0250, 15.7637, 30.6731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 60, 116) }
```

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

```
.background{ background-color: rgb(119, 60,  
116) }
```

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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