

Converting Colors

YUV(84.1730, -15.8613, 0.7253)

Have a look what the booklet for
YUV(84.1730, -15.8613, 0.7253)
contains.

YUV(84.1730, -15.8613, 0.7253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(84.1730, -15.8613,
0.7253)**

Conversions

Conversions Part 1

Format	Color
Hex	555A34
RGB	85, 90, 52
RGB Percent	33%, 35%, 20%
CMY	0.6667, 0.6471, 0.7961
CMYK	0.06, 0.00, 0.42, 0.65
HSL	68°, 27%, 28%
HSV	68°, 42%, 35%
XYZ	8.0223, 9.4916, 4.6580
YIQ	84.1730, 9.2180, -12.8780

Conversions

Conversions Part 2

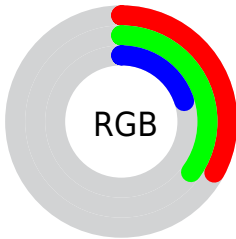
Format	Color
R_{YB}	52, 90, 57
Decimal	5593652
CIE _{Lab}	36.91, -8.75, 21.28
CIE _{LCh}	37, 23.012, 112.352
Yxy	9.4916, 0.3618, 0.4281
Android (android.graphics.Color)	4283783732 (0xFF555A34)
YUV	84.1730, -15.8613, 0.7253
Hunter-Lab	30.8084, -7.4343, 12.6016




Details

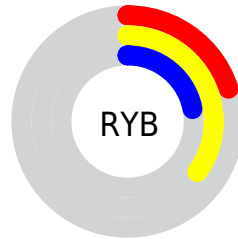
The YUV color $84.1730, -15.8613, 0.7253$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $57.8270, 15.8613, -0.7253$, and the grayscale version is $84.0000, 0.0000, 0.0000$.




A 20% lighter version of the original color is $133.8310, -17.1717, 1.0252$, and $38.2870, -15.4245, 0.6253$ is the 20% darker color. If you saturate the color by 10%, you get $82.8480, -19.6451, 1.0103$, and if you desaturate by 10%, it is $85.4980, -12.0775, 0.4403$.

Distribution







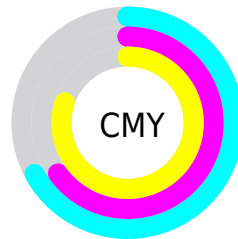
-  Red (33%)
-  Green (35%)
-  Blue (20%)






-  Red (20%)
-  Yellow (35%)
-  Blue (22%)



-  Cyan (6%)
-  Magenta (0%)
-  Yellow (42%)
-  Black (65%)



-  Cyan (67%)
-  Magenta (65%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.1730, -15.8613, 0.7253 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 84.1730, -15.8613, 0.7253 by changing the saturation by 10% instead.

■ 84.1730, -15.8613,
0.7253

■ 84.1730, -15.8613,
0.7253

■ 255.0000, 0.0000,
0.0000

■ 60.9880, -15.2771,
0.0105

■ 133.8310,
-17.1717, 1.0252

■ 38.2870, -15.4245,
0.6253

■ 160.0160,
-17.7559, 1.7400

■ 18.5730, -9.1565,
-3.1335

■ 186.9020,
-18.1927, 1.8399

■ 0.0000, 0.0000,
0.0000

■ 214.7880,
-18.6295, 1.9399

■ 243.6740,
-19.0663, 2.0399

■ 252.4920, -9.6096,

2.1995

■ 84.1730, -15.8613,
0.7253

■ 84.1730, -15.8613,
0.7253

■ 82.8480, -19.6451,
1.0103

■ 85.4980, -12.0775,
0.4403

■ 81.5230, -23.4288,
1.2953

■ 86.8230, -8.2937,
0.1552

■ 79.8990, -27.0652,
0.9656

■ 88.4470, -4.6574,
0.4850

■ 78.5740, -30.8490,
1.2506

■ 89.7720, -0.8736,
0.2000

■ 77.2490, -34.6328,
1.5356

■ 91.0970, 2.9102,
-0.0851

■ 76.1520, -37.5429,
1.6207

■ 92.4220, 6.6940,
-0.3701

■ 93.7470, 10.4777,
-0.6551

■ 95.0720, 14.2615,
-0.9401

■ 96.6960, 17.8979,
-0.6104

Harmonies

Analogous

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



85.8050, -17.6519, 15.0800



84.1730, -15.8613, 0.7253



81.6100, -8.6817, -15.4440

Triad

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



84.1730, -15.8613, 0.7253



74.6700, 20.3757, -48.8226



89.2190, 1.3710, 26.9949

Complementary

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



84.1730, -15.8613, 0.7253



57.8270, 15.8613, -0.7253

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.



89.4330, 10.1395, 14.5293



84.1730, -15.8613, 0.7253



82.4000, 20.0158, -26.6608

Square

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



84.1730, -15.8613, 0.7253



72.2260, 13.6926, -51.9412



87.6200, 16.4563, -4.9287



88.0640, -6.9336, 30.6389

Rectangle

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



84.1730, -15.8613, 0.7253



79.2540, -2.0972, -27.4098



87.6200, 16.4563, -4.9287



89.4080, 4.7289, 23.3212

Sweetspot

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



84.1730, -15.8613, 0.7253



114.6920, -6.2572, 0.2701



65.7100, -6.7590, 21.3023



57.2620, -4.0732, -0.2298



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



84.1730, -15.8613, 0.7253



107.7680, -25.0286, 1.0805



78.7910, -13.2080, -10.3407



45.1310, -2.0366, -0.1149



92.9750, -45.8367, 1.7759



200.7130, -98.9515, 4.6367

Inverse Universe

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



57.8270, 15.8613, -0.7253



66.2320, 25.0286, -1.0805



63.2090, 13.2080, 10.3407



41.8690, 2.0366, 0.1149



16.7260, 45.9841, -2.3907



36.2870, 98.9515, -4.6367

Previews

White Background



This preview shows how the YUV color 84.1730, -15.8613, 0.7253 looks on a white background.

Color Contrast Check

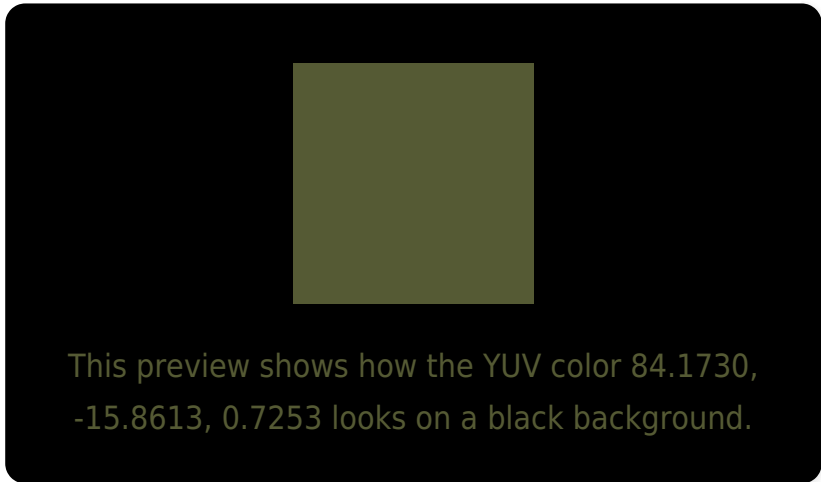
Large Text (above 18pt) WCAG AA ✓ Pass

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

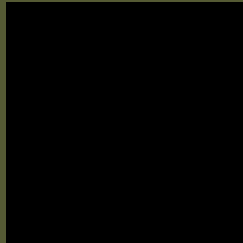
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.1730, -15.8613, 0.7253

Background



This preview shows how black text looks on a background with the YUV color 84.1730, -15.8613, 0.7253.



This preview shows how white text looks on a background with the YUV color 84.1730, -15.8613,

0.7253.

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

84.1730, -15.8613, 0.7253

Protanopia

85.2880, -16.9040, 8.5174

Deuteranopia

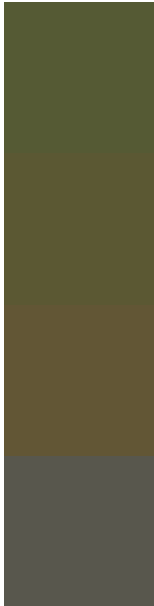
86.2720, -15.9101, 16.4245



Tritanopia

87.2930, 2.3206, 2.3740

Trichromacy



Original Color

84.1730, -15.8613, 0.7253

Protanomaly

84.6790, -16.6037, 5.5435

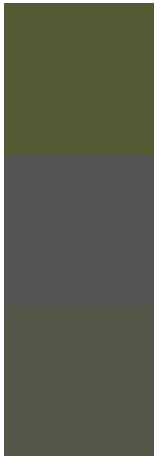
Deuteranomaly

85.8260, -16.1832, 10.6766

Tritanomaly

86.1590, -4.5154, 1.6146

Monochromacy



Original Color

84.1730, -15.8613, 0.7253

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8060, -5.8204, 0.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1730, -15.8613, 0.7253 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(85, 90, 52)` looks like.

```
.text, #text, p{  
    color:rgb(85, 90, 52)  
}
```

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(85, 90, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 90, 52) }
```

Border

The CSS property to change the border of an element to YUV 84.1730, -15.8613, 0.7253 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(85, 90, 52) }
```


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

```
.border{ border-color:rgb(85, 90, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 90, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 90, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 90, 52);  
box-shadow:4px 4px 4px 4px rgb(85, 90, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.1730, -15.8613, 0.7253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 90, 52) }
```

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

```
.background{ background-color: rgb(85, 90,  
52) }
```

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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