

Converting Colors

YUV(123.6860, -33.8622,
34.4784)

Have a look what the booklet for
YUV(123.6860, -33.8622, 34.4784)
contains.

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Color

**YUV(123.6860, -33.8622,
34.4784)**

Conversions

Conversions Part 1

Format	Color
Hex	A37537
RGB	163, 117, 55
RGB Percent	64%, 46%, 22%
CMY	0.3608, 0.5412, 0.7843
CMYK	0.00, 0.28, 0.66, 0.36
HSL	34°, 50%, 43%
HSV	34°, 66%, 64%
XYZ	22.1551, 20.7849, 6.4586
YIQ	123.6860, 47.3180, -9.5300

Conversions

Conversions Part 2

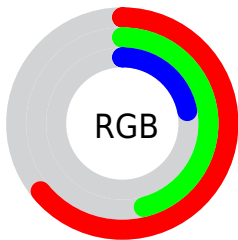
Format	Color
RYB	135, 163, 55
Decimal	10712375
CIELab	52.71, 11.54, 40.47
CIELCh	53, 42.084, 74.089
Yxy	20.7849, 0.4485, 0.4208
Android (android.graphics.Color)	4288902455 (0xFFA37537)
YUV	123.6860, -33.8622, 34.4784
Hunter-Lab	45.5905, 6.9604, 23.5140

Details

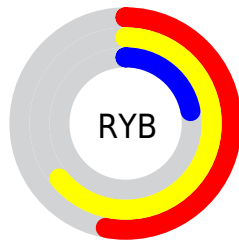
The YUV color **123.6860, -33.8622, 34.4784** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **94.3140, 33.8622, -34.4784**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.1380, -36.0570, 38.4670**, and **72.9520, -33.9933, 29.8601** is the 20% darker color. If you saturate the color by 10%, you get **117.7530, -38.8252, 39.6816**, and if you desaturate by 10%, it is **129.6190, -28.8992, 29.2751**.

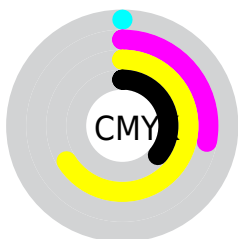
Distribution



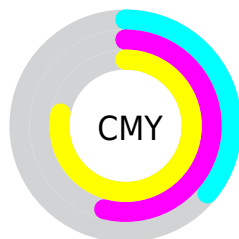
- Red (64%)
- Green (46%)
- Blue (22%)



- Red (53%)
- Yellow (64%)
- Blue (22%)



- Cyan (0%)
- Magenta (28%)
- Yellow (66%)
- Black (36%)



- Cyan (36%)
- Magenta (54%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.6860, -33.8622, 34.4784 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 123.6860, -33.8622, 34.4784 by changing the saturation by 10% instead.

■ 123.6860,
-33.8622, 34.4784

■ 123.6860,
-33.8622, 34.4784

■ 255.0000, 0.0000,
0.0000

■ 97.9030, -32.9832,
32.5341

■ 177.1380,
-36.0570, 38.4670

■ 72.9520, -33.9933,
29.8601

■ 204.9210,
-36.9361, 40.4113

■ 51.8080, -25.5413,
25.6014

■ 225.6310,
-33.8351, 25.7566

■ 31.7070, -15.6316,
20.4280

■ 245.7320,
-30.4339, 8.1280

■ 9.2690, -4.5696,
19.0581

■ 250.0980,
-18.7823, 4.2991

■ 0.0000, 0.0000,
0.0000

■ 253.2900, -6.5520,

1.4997

■ 123.6860,
-33.8622, 34.4784

■ 123.6860,
-33.8622, 34.4784

■ 117.7530,
-38.8252, 39.6816

■ 129.6190,
-28.8992, 29.2751

■ 111.7060,
-44.2251, 44.9848

■ 135.6660,
-23.4993, 23.9719

■ 105.7730,
-49.1881, 50.1881

■ 141.5990,
-18.5363, 18.7687

■ 103.9150,
-51.2301, 51.8175

■ 147.5320,
-13.5733, 13.5654

■ 153.5790, -8.1734,
8.2622

■ 159.5120, -3.2104,
3.0590

■ 165.4450, 1.7526,
-2.1443

■ 171.3780, 6.7156,
-7.3475

■ 176.8380, 12.4049,
-12.1359

Harmonies

Analogous

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



125.4400, -23.8809, 53.1111



123.6860, -33.8622, 34.4784



120.5210, -33.7809, 8.3131

Triad

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



123.6860, -33.8622, 34.4784



100.7160, 20.3530, -88.3279



129.7120, 23.8060, 17.7926

Complementary

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



123.6860, -33.8622, 34.4784



94.3140, 33.8622, -34.4784

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.



123.5370, 35.7243, -25.0269



123.6860, -33.8622, 34.4784



103.3040, 35.3461, -90.5976

Square

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



123.6860, -33.8622, 34.4784



103.3860, 0.7957, -68.7445



101.4750, 46.1078, -88.9936



129.0010, 8.8735, 47.3571

Rectangle

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



123.6860, -33.8622, 34.4784



117.8220, -27.0272, -11.2449



101.4750, 46.1078, -88.9936



128.4870, 28.3539, 5.7119

Sweetspot

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



123.6860, -33.8622, 34.4784



196.5320, -13.5733, 13.5654



92.6500, 4.6096, 61.6970



97.5790, -8.1734, 8.2622



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



123.6860, -33.8622, 34.4784



150.3560, -53.4195, 54.0618



148.5950, -46.1423, 6.4942



78.6260, -2.7736, 2.9590



92.0760, -45.3935, 46.4143



11.2520, -5.5472, 5.9180

Inverse Universe

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



94.3140, 33.8622, -34.4784



103.6440, 53.4195, -54.0618



69.4050, 46.1423, -6.4942



76.3740, 2.7736, -2.9590



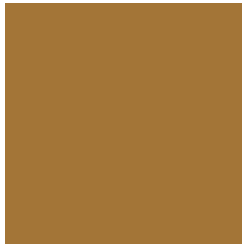
52.9240, 45.3935, -46.4143



6.7480, 5.5472, -5.9180

Previews

White Background



This preview shows how the YUV color 123.6860, -33.8622, 34.4784 looks on a white background.

Color Contrast Check

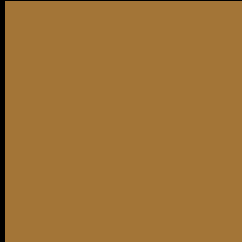
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 123.6860, -33.8622, 34.4784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

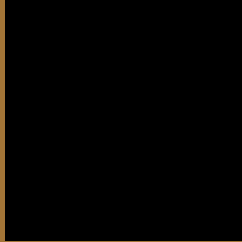
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.6860, -33.8622, 34.4784

Background



This preview shows how black text looks on a background with the YUV color 123.6860, -33.8622, 34.4784.



This preview shows how white text looks on a background with the YUV color 123.6860, -33.8622, 34.4784.

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

123.6860, -33.8622, 34.4784

Protanopia

122.4340, -31.7660, 15.4054

Deuteranopia

123.2400, -34.1353, 28.7305



Tritanopia

127.9550, -4.9078, 34.2425

Trichromacy



Original Color

123.6860, -33.8622, 34.4784

Protanomaly

122.9510, -32.5138, 21.9680

Deuteranomaly

123.5500, -34.2882, 31.0897

Tritanomaly

126.7950, -15.6749, 34.3828

Monochromacy



Original Color

123.6860, -33.8622, 34.4784

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.5750, -12.1155, 12.6507

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6860, -33.8622, 34.4784 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(163, 117, 55)` looks like.

```
.text, #text, p{  
    color:rgb(163, 117, 55)  
}
```

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(163, 117, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 117, 55) }
```

Border

The CSS property to change the border of an element to YUV 123.6860, -33.8622, 34.4784 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(163, 117, 55) }
```


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

```
.border{ border-color:rgb(163, 117, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 117, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 117, 55); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 117, 55); box-shadow:4px 4px 4px 4px rgb(163, 117, 55) }
```

Background

The CSS property to change the background color of an element to YUV 123.6860, -33.8622, 34.4784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 117, 55) }
```

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

```
.background{ background-color: rgb(163,  
117, 55) }
```

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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