

Converting Colors

YUV(88.1830, -10.9362, 7.7325)

Have a look what the booklet for
YUV(88.1830, -10.9362, 7.7325)
contains.

YUV(88.1830, -10.9362, 7.7325)	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(88.1830, -10.9362,
7.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	615842
RGB	97, 88, 66
RGB Percent	38%, 35%, 26%
CMY	0.6196, 0.6549, 0.7412
CMYK	0.00, 0.09, 0.32, 0.62
HSL	43°, 19%, 32%
HSV	43°, 32%, 38%
XYZ	9.4029, 9.9142, 6.5723
YIQ	88.1830, 12.4260, -4.9340

Conversions

Conversions Part 2

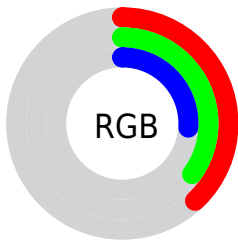
Format	Color
RYB	79, 97, 66
Decimal	6379586
CIELab	37.69, -0.17, 14.11
CIELCh	38, 14.112, 90.674
Yxy	9.9142, 0.3632, 0.3829
Android (android.graphics.Color)	4284569666 (0xFF615842)
YUV	88.1830, -10.9362, 7.7325
Hunter-Lab	31.4868, -1.7967, 9.6650

Details

The YUV color **88.1830, -10.9362, 7.7325** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **74.8170, 10.9362, -7.7325**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2540, -11.9572, 8.5472**, and **42.8130, -9.7678, 6.3030** is the 20% darker color. If you saturate the color by 10%, you get **85.2820, -14.4360, 10.2767**, and if you desaturate by 10%, it is **91.0840, -7.4364, 5.1883**.

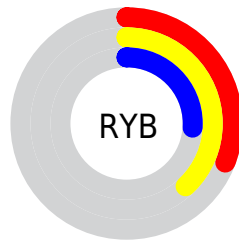
Distribution



Red (38%)

Green (35%)

Blue (26%)



Red (31%)

Yellow (38%)

Blue (26%)

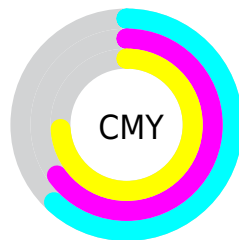


Cyan (0%)

Magenta (9%)

Yellow (32%)

Black (62%)



Cyan (62%)

Magenta (65%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1830, -10.9362, 7.7325 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 88.1830, -10.9362, 7.7325 by changing the saturation by 10% instead.

■ 88.1830, -10.9362,
7.7325

■ 88.1830, -10.9362,
7.7325

■ 255.0000, 0.0000,
0.0000

■ 64.9980, -10.3520,
7.0178

■ 138.2540,
-11.9572, 8.5472

■ 42.8130, -9.7678,
6.3030

■ 164.5530,
-12.1046, 9.1620

■ 21.8840, -10.7888,
7.1177

■ 191.4390,
-12.5414, 9.2620

■ 0.0000, 0.0000,
0.0000

■ 219.6240,
-13.1256, 9.9768

■ 246.4280,
-12.5360, 7.5176

■ 254.4300, -2.1840,

0.4999

■ 88.1830, -10.9362,
7.7325

■ 88.1830, -10.9362,
7.7325

■ 85.2820, -14.4360,
10.2767

■ 91.0840, -7.4364,
5.1883

■ 82.4950, -17.4990,
12.7209

■ 93.8710, -4.3734,
2.7441

■ 80.1810, -21.2882,
14.7503

■ 96.1850, -0.5842,
0.7148

■ 77.2800, -24.7880,
17.2944

■ 99.0860, 2.9156,
-1.8294

■ 74.4930, -27.8510,
19.7386

■ 101.9870, 6.4154,
-4.3736

■ 71.5920, -31.3509,
22.2828

■ 104.7740, 9.4784,
-6.8178

■ 69.5060, -34.2665,
24.1122

■ 107.6750, 12.9782,
-9.3620

■ 110.5760, 16.4780,
-11.9062

■ 112.7760, 19.8304,
-13.8356

Harmonies

Analogous

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



89.1670, -9.9423, 15.6395



88.1830, -10.9362, 7.7325



87.2850, -9.0145, -2.0039

Triad

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



88.1830, -10.9362, 7.7325



83.9090, 7.9329, -24.4762



90.6300, 4.6194, 11.7255

Complementary

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



88.1830, -10.9362, 7.7325



74.8170, 10.9362, -7.7325

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.



90.0030, 8.8725, 0.8744



88.1830, -10.9362, 7.7325



85.4410, 11.1216, -20.5578

Square

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



88.1830, -10.9362, 7.7325



84.1500, 2.3911, -20.3025



87.9090, 11.3839, -11.3212



90.8820, -0.9278, 17.6435

Rectangle

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



88.1830, -10.9362, 7.7325



85.7510, -5.7932, -8.5516



87.9090, 11.3839, -11.3212



90.3630, 6.2300, 8.4516

Sweetspot

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



88.1830, -10.9362, 7.7325



121.1700, -4.5208, 3.3589



76.2950, -0.6384, 18.1583



61.9140, -2.9156, 1.8294



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



88.1830, -10.9362, 7.7325



111.3100, -16.9148, 12.0061



91.6720, -12.6563, -0.5893



46.9570, -1.4578, 0.9147



80.4480, -39.6609, 27.6711



171.5500, -84.5741, 60.0307

Inverse Universe

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



74.8170, 10.9362, -7.7325



90.6900, 16.9148, -12.0061



71.3280, 12.6563, 0.5893



45.0430, 1.4578, -0.9147



32.1390, 39.3715, -28.1859



68.4500, 84.5742, -60.0306

Previews

White Background



This preview shows how the YUV color 88.1830, -10.9362, 7.7325 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 88.1830, -10.9362, 7.7325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

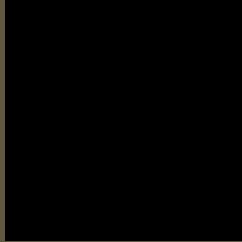
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.1830, -10.9362, 7.7325

Background



This preview shows how black text looks on a background with the YUV color 88.1830, -10.9362, 7.7325.

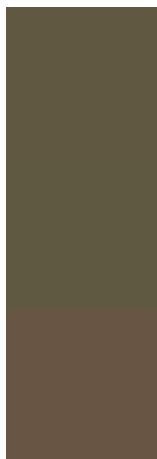


This preview shows how white text looks on a background with the YUV color 88.1830, -10.9362,

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

88.1830, -10.9362, 7.7325

Protanopia

88.1720, -10.9308, 5.9882

Deuteranopia

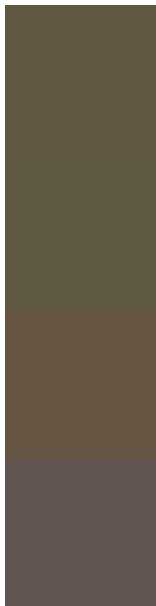
88.9280, -10.8105, 14.0951



Tritanopia

90.1690, 0.4097, 8.6218

Trichromacy



Original Color

88.1830, -10.9362, 7.7325

Protanomaly

88.4710, -11.0782, 6.6029

Deuteranomaly

88.6180, -10.6577, 11.7360

Tritanomaly

89.4310, -3.6635, 8.3920

Monochromacy



Original Color

88.1830, -10.9362, 7.7325

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.9850, -3.9366, 2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1830, -10.9362, 7.7325 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(97, 88, 66)` looks like.

```
.text, #text, p{  
    color:rgb(97, 88, 66)  
}
```

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(97, 88, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 88, 66) }
```

Border

The CSS property to change the border of an element to YUV 88.1830, -10.9362, 7.7325 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(97, 88, 66) }
```


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

```
.border{ border-color:rgb(97, 88, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 88, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 88, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 88, 66);  
box-shadow:4px 4px 4px 4px rgb(97, 88, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.1830, -10.9362, 7.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 88, 66) }
```

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

```
.background{ background-color: rgb(97, 88,  
66) }
```

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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