

Converting Colors

YUV(121.8130, -29.9808,
2.7950)

Have a look what the booklet for
YUV(121.8130, -29.9808, 2.7950)
contains.

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Color

**YUV(121.8130, -29.9808,
2.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	7D843D
RGB	125, 132, 61
RGB Percent	49%, 52%, 24%
CMY	0.5098, 0.4824, 0.7608
CMYK	0.05, 0.00, 0.54, 0.48
HSL	66°, 37%, 38%
HSV	66°, 54%, 52%
XYZ	17.5510, 21.1994, 7.5817
YIQ	121.8130, 18.6190, -23.5650

Conversions

Conversions Part 2

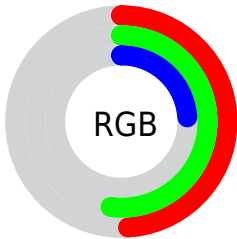
Format	Color
R_{YB}	61, 132, 68
Decimal	8225853
CIE Lab	53.17, -13.41, 36.97
CIE LCh	53, 39.329, 109.935
Yxy	21.1994, 0.3788, 0.4576
Android (android.graphics.Color)	4286415933 (0xFF7D843D)
YUV	121.8130, -29.9808, 2.7950
Hunter-Lab	46.0428, -12.5327, 22.4669

Details

The YUV color **121.8130, -29.9808, 2.7950** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **71.1870, 29.9808, -2.7950**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7700, -31.4386, 3.7097**, and **72.1010, -30.1228, 1.6654** is the 20% darker color. If you saturate the color by 10%, you get **120.0320, -35.5118, 3.4799**, and if you desaturate by 10%, it is **123.5940, -24.4498, 2.1101**.

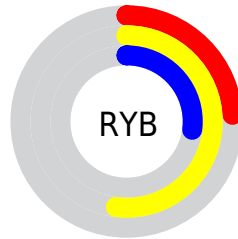
Distribution



Red (49%)

Green (52%)

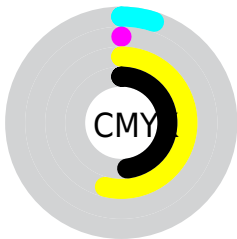
Blue (24%)



Red (24%)

Yellow (52%)

Blue (27%)

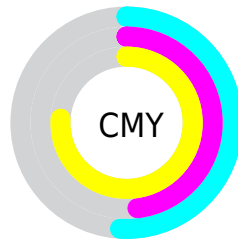


Cyan (5%)

Magenta (0%)

Yellow (54%)

Black (48%)



Cyan (51%)

Magenta (48%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.8130, -29.9808, 2.7950 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 121.8130, -29.9808, 2.7950 by changing the saturation by 10% instead.

■ 121.8130,
-29.9808, 2.7950

■ 121.8130,
-29.9808, 2.7950

■ 255.0000, 0.0000,
0.0000

■ 96.6280, -29.3966,
2.0802

■ 174.7700,
-31.4386, 3.7097

■ 72.1010, -30.1228,
1.6654

■ 202.5420,
-32.3122, 3.9097

■ 50.1700, -24.7338,
-0.1491

■ 230.6130,
-33.3332, 4.7244

■ 30.0800, -14.8294,
-3.5782

■ 247.7040,
-27.9551, 6.3986

■ 11.1530, -5.4984,
-9.7812

■ 250.8960,
-15.7247, 3.5992

■ 0.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,

0.6998

■ 121.8130,
-29.9808, 2.7950

■ 121.8130,
-29.9808, 2.7950

■ 120.0320,
-35.5118, 3.4799

■ 123.5940,
-24.4498, 2.1101

■ 117.9520,
-40.8953, 3.5501

■ 125.6740,
-19.0663, 2.0399

■ 116.0570,
-46.8631, 4.3350

■ 127.5690,
-13.0985, 1.2550

■ 114.2760,
-52.3941, 5.0199

■ 129.3500, -7.5675,
0.5701

■ 113.0650,
-55.7410, 5.2050

■ 131.4300, -2.1840,
0.4999

■ 133.2110, 3.3470,
-0.1850

■ 134.9920, 8.8779,
-0.8700

■ 136.8870, 14.8457,
-1.6549

■ 138.9670, 20.2293,
-1.7251

Harmonies

Analogous

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



124.6960, -32.3881, 28.3306



121.8130, -29.9808, 2.7950



117.2420, -17.3743, -27.3992

Triad

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



121.8130, -29.9808, 2.7950



103.0590, 36.9459, -90.3827



129.6760, 5.0897, 47.6421

Complementary

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



121.8130, -29.9808, 2.7950



71.1870, 29.9808, -2.7950

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.



130.7190, 19.8585, 23.9254



121.8130, -29.9808, 2.7950



110.5270, 40.6592, -67.9912

Square

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



121.8130, -29.9808, 2.7950



101.5140, 23.4106, -89.0278



127.1640, 31.4711, -14.1758



127.8930, -10.7932, 55.3448

Rectangle

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



121.8130, -29.9808, 2.7950



110.9320, -3.9105, -52.5604



127.1640, 31.4711, -14.1758



130.0110, 10.3476, 41.2094

Sweetspot

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



121.8130, -29.9808, 2.7950



167.0250, -11.3513, 0.8551



85.7510, -12.2022, 40.5604



84.4640, -7.1308, 0.4701



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



121.8130, -29.9808, 2.7950



155.0570, -46.8631, 4.3350



111.6470, -24.9690, -18.1074



65.3160, -2.6208, 0.5999



111.2930, -54.8674, 5.0050



2.3590, -1.1630, -0.3148

Inverse Universe

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



71.1870, 29.9808, -2.7950



75.9430, 46.8631, -4.3350



81.3530, 24.9690, 18.1074



60.6840, 2.6208, -0.5999



18.7070, 54.8674, -5.0050



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 121.8130, -29.9808, 2.7950 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 121.8130, -29.9808, 2.7950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

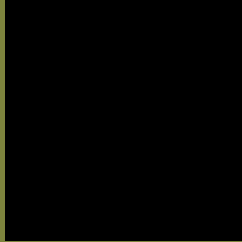
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.8130, -29.9808, 2.7950

Background



This preview shows how black text looks on a background with the YUV color 121.8130, -29.9808, 2.7950.



This preview shows how white text looks on a background with the YUV color 121.8130, -29.9808,

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

121.8130, -29.9808, 2.7950

Protanopia

123.4340, -31.7660, 15.4054

Deuteranopia

124.9670, -30.0567, 27.2159



Tritanopia

127.8310, 3.0413, 4.5332

Trichromacy



Original Color

121.8130, -29.9808, 2.7950

Protanomaly

122.9280, -31.0235, 10.5871

Deuteranomaly

123.9120, -30.0296, 18.4942

Tritanomaly

125.6170, -9.1782, 3.8439

Monochromacy



Original Color

121.8130, -29.9808, 2.7950

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1390, -10.9145, 0.7551

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8130, -29.9808, 2.7950 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(125, 132, 61)` looks like.

```
.text, #text, p{  
    color:rgb(125, 132, 61)  
}
```

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(125, 132, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 132, 61) }
```

Border

The CSS property to change the border of an element to YUV 121.8130, -29.9808, 2.7950 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(125, 132, 61) }
```


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

```
.border{ border-color:rgb(125, 132, 61) }
```

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

Here you see how a box with a 4 pixel rgb(125, 132, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 132, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 132, 61);  
box-shadow:4px 4px 4px 4px rgb(125, 132,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 121.8130, -29.9808, 2.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 132, 61) }
```

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

```
.background{ background-color: rgb(125,  
132, 61) }
```

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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