

Converting Colors

YUV(128.9700, -7.8732, 5.2883)

Have a look what the booklet for
YUV(128.9700, -7.8732, 5.2883)
contains.

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Color

**YUV(128.9700, -7.8732,
5.2883)**

Conversions

Conversions Part 1

Format	Color
Hex	878171
RGB	135, 129, 113
RGB Percent	53%, 51%, 44%
CMY	0.4706, 0.4941, 0.5569
CMYK	0.00, 0.04, 0.16, 0.47
HSL	44°, 9%, 49%
HSV	44°, 16%, 53%
XYZ	20.8226, 22.0437, 18.7802
YIQ	128.9700, 8.7120, -3.7040

Conversions

Conversions Part 2

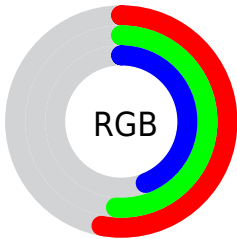
Format	Color
R_{YB}	121, 135, 113
Decimal	8880497
CIE Lab	54.07, -0.62, 9.49
CIE LCh	54, 9.507, 93.754
Yxy	22.0437, 0.3378, 0.3576
Android (android.graphics.Color)	4287070577 (0xFF878171)
YUV	128.9700, -7.8732, 5.2883
Hunter-Lab	46.9507, -2.9992, 9.1496

Details

The YUV color **128.9700, -7.8732, 5.2883** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **119.0300, 7.8732, -5.2883**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.8560, -8.3100, 5.3883**, and **79.7850, -7.2890, 4.5736** is the 20% darker color. If you saturate the color by 10%, you get **125.0260, -12.8308, 8.7472**, and if you desaturate by 10%, it is **132.9140, -2.9156, 1.8294**.

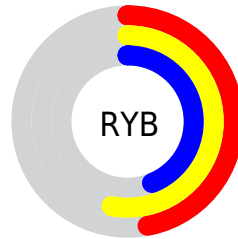
Distribution



Red (53%)

Green (51%)

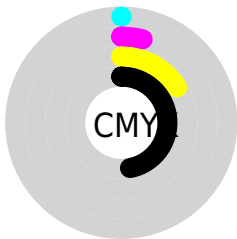
Blue (44%)



Red (47%)

Yellow (53%)

Blue (44%)

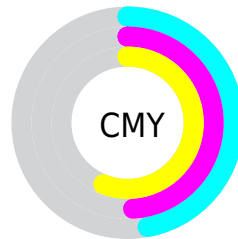


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (47%)



Cyan (47%)

Magenta (49%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.9700, -7.8732, 5.2883 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 128.9700, -7.8732, 5.2883 by changing the saturation by 10% instead.

■ 128.9700, -7.8732,
5.2883

■ 128.9700, -7.8732,
5.2883

■ 255.0000, 0.0000,
0.0000

■ 104.0840, -7.4364,
5.1883

■ 181.8560, -8.3100,
5.3883

■ 79.7850, -7.2890,
4.5736

■ 209.1550, -8.4574,
6.0031

■ 56.8990, -6.8522,
4.4736

■ 238.0410, -8.8942,
6.1030

■ 35.6000, -6.7048,
3.8588

■ 254.2020, -3.0576,
0.6998

■ 13.8990, -6.8522,
4.4736

■ 0.0000, 0.0000,
0.0000

■ 128.9700, -7.8732,
5.2883

■ 128.9700, -7.8732,
5.2883

■ 125.0260,
-12.8308, 8.7472

■ 132.9140, -2.9156,
1.8294

■ 121.7830,
-17.6410, 11.5913

■ 136.1570, 1.8946,
-1.0147

■ 117.9530,
-22.1618, 14.9502

■ 140.1010, 6.8522,
-4.4736

■ 114.0090,
-27.1194, 18.4091

■ 143.9310, 11.3730,
-7.8325

■ 110.6520,
-32.3664, 21.3532

■ 147.2880, 16.6200,
-10.7766

■ 106.8220,
-36.8872, 24.7121

■ 151.1180, 21.1408,
-14.1355

■ 102.8780,
-41.8449, 28.1710

■ 155.0620, 26.0984,
-17.5944

■ 99.6350, -46.6551,

■ 158.3050, 30.9086,

31.0151

-20.4385

■ 97.8910, -48.2603,
32.5446

■ 162.2490, 35.8662,
-23.8974

Harmonies

Analogous

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



129.8290, -7.3107, 11.5510



128.9700, -7.8732, 5.2883



128.3820, -6.1043, -2.0890

Triad

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



128.9700, -7.8732, 5.2883



126.9810, 5.4324, -15.7693



131.1520, 2.8831, 8.6367

Complementary

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



128.9700, -7.8732, 5.2883



119.0300, 7.8732, -5.2883

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.



130.3190, 6.2517, 1.4742



128.9700, -7.8732, 5.2883



127.6870, 8.0423, -12.8805

Square

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



128.9700, -7.8732, 5.2883



126.3680, 1.7906, -14.3547



129.3180, 7.7312, -6.4179



131.0340, -1.4958, 13.1252

Rectangle

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



128.9700, -7.8732, 5.2883



127.2180, -4.0515, -7.2072



129.3180, 7.7312, -6.4179



130.4830, 4.1989, 6.5924

Sweetspot

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



128.9700, -7.8732, 5.2883



173.8000, -3.3524, 1.9294



120.2620, -0.6222, 12.9252



87.8430, -1.8946, 1.0147



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



128.9700, -7.8732, 5.2883



166.1400, -12.3940, 8.6472



130.9970, -8.8725, -0.8744



64.1420, -2.0420, 1.6295



94.6350, -46.6551, 31.0151



2.0710, -1.0210, 0.8147

Inverse Universe

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



119.0300, 7.8732, -5.2883



150.2730, 12.6834, -8.1324



117.0030, 8.8725, 0.8744



61.2710, 2.3314, -1.1147



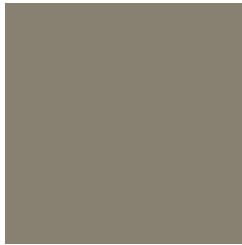
35.3650, 46.6551, -31.0151



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 128.9700, -7.8732, 5.2883 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 128.9700, -7.8732, 5.2883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

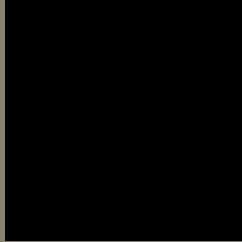
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.9700, -7.8732, 5.2883

Background



This preview shows how black text looks on a background with the YUV color 128.9700, -7.8732, 5.2883.



This preview shows how white text looks on a background with the YUV color 128.9700, -7.8732,

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

128.9700, -7.8732, 5.2883

Protanopia

128.9700, -7.8732, 5.2883

Deuteranopia

130.3240, -8.0477, 14.6249



Tritanopia

130.7280, 2.5991, 6.3775

Trichromacy



Original Color

128.9700, -7.8732, 5.2883

Protanomaly

128.9700, -7.8732, 5.2883

Deuteranomaly

129.7150, -7.7475, 11.6509

Tritanomaly

130.1040, -1.0373, 6.0478

Monochromacy



Original Color

128.9700, -7.8732, 5.2883

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9140, -2.9156, 1.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.9700, -7.8732, 5.2883 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(135, 129, 113)` looks like.

```
.text, #text, p{  
    color:rgb(135, 129, 113)  
}
```

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(135, 129, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 129, 113) }
```

Border

The CSS property to change the border of an element to YUV 128.9700, -7.8732, 5.2883 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(135, 129, 113) }
```


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

```
.border{ border-color:rgb(135, 129, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 129, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 129, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 129, 113);  
box-shadow:4px 4px 4px 4px rgb(135, 129,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 128.9700, -7.8732, 5.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 129, 113) }
```

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

```
.background{ background-color: rgb(135,  
129, 113) }
```

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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