

Converting Colors

YUV(128.2500, 0.8628, 3.2888)

Have a look what the booklet for
YUV(128.2500, 0.8628, 3.2888)
contains.

YUV(128.2500, 0.8628, 3.2888)	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(128.2500, 0.8628,
3.2888)**

Conversions

Conversions Part 1

Format	Color
Hex	847E82
RGB	132, 126, 130
RGB Percent	52%, 49%, 51%
CMY	0.4824, 0.5059, 0.4902
CMYK	0.00, 0.05, 0.02, 0.48
HSL	320°, 2%, 51%
HSV	320°, 5%, 52%
XYZ	21.0058, 21.4389, 24.1501
YIQ	128.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

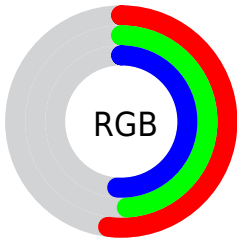
Format	Color
R_{YB}	132, 126, 130
Decimal	8683138
CIE _{Lab}	53.43, 3.05, -1.36
CIE _{LCh}	53, 3.338, 335.893
Yxy	21.4389, 0.3154, 0.3219
Android (android.graphics.Color)	4286873218 (0xFF847E82)
YUV	128.2500, 0.8628, 3.2888
Hunter-Lab	46.3022, -0.0491, 1.4873

Details

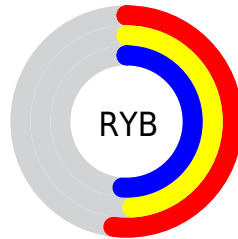
The YUV color **128.2500, 0.8628, 3.2888** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **129.7500, -0.8628, -3.2887**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.2500, 0.8628, 3.2888**, and **79.2500, 0.8628, 3.2888** is the 20% darker color. If you saturate the color by 10%, you get **120.1630, 2.8776, 10.3810**, and if you desaturate by 10%, it is **136.3370, -1.1521, -3.8035**.

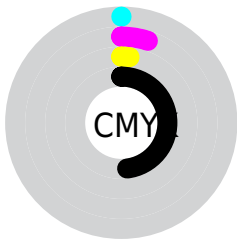
Distribution



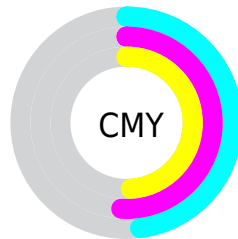
- Red (52%)
- Green (49%)
- Blue (51%)



- Red (52%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.2500, 0.8628, 3.2888 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 128.2500, 0.8628, 3.2888 by changing the saturation by 10% instead.

■ 128.2500, 0.8628,
3.2888

■ 128.2500, 0.8628,
3.2888

■ 255.0000, 0.0000,
0.0000

■ 103.2500, 0.8628,
3.2887

■ 181.2500, 0.8628,
3.2888

■ 79.2500, 0.8628,
3.2888

■ 208.5490, 0.7153,
3.9035

■ 56.2500, 0.8628,
3.2888

■ 236.6630, 1.1521,
3.8035

■ 34.8370, 0.5734,
2.7740

■ 12.6630, 1.1521,
3.8035

■ 0.0000, 0.0000,
0.0000

■ 128.2500, 0.8628,
3.2888

■ 128.2500, 0.8628,
3.2888

■ 120.1630, 2.8776,
10.3810

■ 136.3370, -1.1521,
-3.8035

■ 111.9620, 4.4557,
17.5733

■ 144.5380, -2.7302,
-10.9958

■ 103.2880, 6.7600,
25.1804

■ 153.2120, -5.0345,
-18.6029

■ 95.0870, 8.3381,
32.3727

■ 161.4130, -6.6126,
-25.7952

■ 87.0000, 10.3530,
39.4650

■ 169.5000, -8.6275,
-32.8875

■ 78.9130, 12.3679,
46.5573

■ 177.5870,
-10.6424, -39.9798

■ 70.7120, 13.9460,
53.7496

■ 185.7880,
-12.2205, -47.1721

■ 62.0380, 16.2503,

■ 194.4620,

61.3567

-14.5248, -54.7792

■ 53.8370, 17.8284,
68.5490

■ 202.6630,
-16.1029, -61.9715

Harmonies

Analogous

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



128.1680, 1.8892, 0.7297



128.2500, 0.8628, 3.2888



128.5060, -0.7425, 4.8182

Triad

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



128.2500, 0.8628, 3.2888



127.9140, -2.9156, 1.8294



126.8360, 2.0529, -5.1182

Complementary

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



128.2500, 0.8628, 3.2888



129.7500, -0.8628, -3.2887

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.



126.4940, 0.7425, -4.8182



128.2500, 0.8628, 3.2888



126.8320, -1.8892, -0.7297

Square

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



128.2500, 0.8628, 3.2888



127.9250, -2.9210, 3.5738



126.7500, -0.8628, -3.2887



127.3630, 2.7790, -4.7034

Rectangle

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



128.2500, 0.8628, 3.2888



128.2780, -1.6161, 5.0182



126.7500, -0.8628, -3.2887



126.7220, 1.6161, -5.0182

Sweetspot

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



128.2500, 0.8628, 3.2888



169.7120, 0.1420, 1.1296



127.2820, 2.3260, 0.6297



86.2990, -0.1474, 0.6148



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.



128.2500, 0.8628, 3.2888



165.3750, 1.2941, 4.9331



127.9080, -0.4476, 3.5887



63.5380, 0.7208, 2.1592



48.7880, 18.8385, 71.2229



1.1250, 0.4314, 1.6444

Inverse Universe

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



128.2500, 0.8628, 3.2888



165.3750, 1.2941, 4.9331



130.0920, 0.4476, -3.5887



63.5380, 0.7208, 2.1592



48.7880, 18.8385, 71.2229



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 128.2500, 0.8628, 3.2888 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 128.2500, 0.8628, 3.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

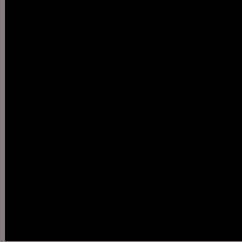
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.2500, 0.8628, 3.2888

Background



This preview shows how black text looks on a background with the YUV color 128.2500, 0.8628, 3.2888.



This preview shows how white text looks on a background with the YUV color 128.2500, 0.8628,

3.2888.

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

128.2500, 0.8628, 3.2888

Protanopia

128.0540, 1.4524, 0.8296

Deuteranopia

129.1690, 0.4097, 8.6218



Tritanopia

128.5320, 3.1887, 3.9184

Trichromacy



Original Color

128.2500, 0.8628, 3.2888

Protanomaly

128.3530, 1.3050, 1.4444

Deuteranomaly

128.8590, 0.5625, 6.2627

Tritanomaly

128.3040, 2.3151, 4.1184

Monochromacy



Original Color

128.2500, 0.8628, 3.2888

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8260, 0.5788, 1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2500, 0.8628, 3.2888 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(132, 126, 130)` looks like.

```
.text, #text, p{  
    color:rgb(132, 126, 130)  
}
```

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(132, 126, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 126, 130) }
```

Border

The CSS property to change the border of an element to YUV 128.2500, 0.8628, 3.2888 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(132, 126, 130) }
```


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

```
.border{ border-color:rgb(132, 126, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 126, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 126, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 126, 130);  
box-shadow:4px 4px 4px 4px rgb(132, 126,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 128.2500, 0.8628, 3.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 126, 130) }
```

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

```
.background{ background-color: rgb(132,  
126, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor