

Converting Colors

YUV(128.8900, -63.5428,
34.2995)

Have a look what the booklet for
YUV(128.8900, -63.5428, 34.2995)
contains.

YUV(128.8900, -63.5428, 34.2995)	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>	30

Color

**YUV(128.8900, -63.5428,
34.2995)**

Conversions

Conversions Part 1

Format	Color
Hex	A88600
RGB	168, 134, 0
RGB Percent	66%, 53%, 0%
CMY	0.3412, 0.4745, 1.0000
CMYK	0.00, 0.20, 1.00, 0.34
HSL	48°, 100%, 33%
HSV	48°, 100%, 66%
XYZ	24.6735, 25.3750, 3.5974
YIQ	128.8900, 63.2780, -34.4660

Conversions

Conversions Part 2

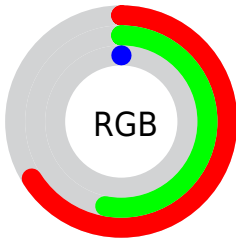
Format	Color
RYB	43, 168, 0
Decimal	11044352
CIELab	57.44, 2.41, 62.44
CIELCh	57, 62.489, 87.789
Yxy	25.3750, 0.4599, 0.4730
Android (android.graphics.Color)	4289234432 (0xFFA88600)
YUV	128.8900, -63.5428, 34.2995
Hunter-Lab	50.3736, -0.7226, 31.0273

Details

The YUV color **128.8900, -63.5428, 34.2995** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **39.1100, 63.5428, -34.2995**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5080, -57.4384, 36.3885**, and **83.0840, -40.9604, 24.4823** is the 20% darker color. If you saturate the color by 10%, you get **128.8900, -63.5428, 34.2995**, and if you desaturate by 10%, it is **132.5890, -56.9854, 31.0554**.

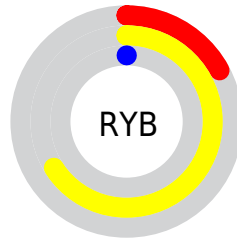
Distribution



Red (66%)

Green (53%)

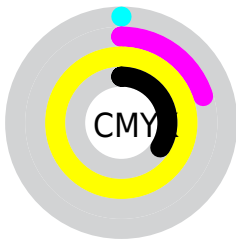
Blue (0%)



Red (17%)

Yellow (66%)

Blue (0%)

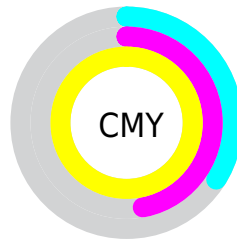


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (34%)



Cyan (34%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.8900, -63.5428, 34.2995 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 128.8900, -63.5428, 34.2995 by changing the saturation by 10% instead.

■ 128.8900,
-63.5428, 34.2995

■ 128.8900,
-63.5428, 34.2995

■ 255.0000, 0.0000,
0.0000

■ 105.5440,
-52.0332, 29.3409

■ 185.5080,
-57.4384, 36.3885

■ 83.0840, -40.9604,
24.4823

■ 212.8070,
-57.5859, 37.0033

■ 61.2110, -30.1770,
19.1090

■ 232.9080,
-54.1846, 19.3747

■ 41.1100, -20.2672,
13.9355

■ 243.1440,
-45.4270, 10.3977

■ 21.8950, -10.7942,
8.8621

■ 246.3360,
-33.1966, 7.5983

■ 0.0000, 0.0000,
0.0000

■ 249.5280,

-20.9663, 4.7989

■ 252.8340, -8.2992,
1.8996

■ 128.8900,
-63.5428, 34.2995

■ 132.5890,
-56.9854, 31.0554

■ 136.8750,
-50.7174, 27.2966

■ 140.4600,
-44.5968, 24.1526

■ 144.7460,
-38.3288, 20.3938

■ 148.4450,
-31.7714, 17.1497

■ 152.1440,
-25.2140, 13.9057

■ 156.4300,
-18.9460, 10.1469

■ 160.0150,
-12.8254, 7.0028

■ 164.3010, -6.5574,
3.2440

Harmonies

Analogous

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



133.1370, -44.4375, 66.5319



128.8900, -63.5428, 34.2995



125.3990, -49.0037, -9.1199

Triad

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



128.8900, -63.5428, 34.2995



116.9990, 34.5105, -102.6081



140.9580, 27.6287, 51.7798

Complementary

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



128.8900, -63.5428, 34.2995



39.1100, 63.5428, -34.2995

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.



138.7360, 47.4582, -8.5385



128.8900, -63.5428, 34.2995



118.9660, 54.7398, -104.3332

Square

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



128.8900, -63.5428, 34.2995



110.7290, 10.4866, -97.1093



113.8600, 65.6380, -99.8552



134.5050, 4.6810, 85.5031

Rectangle

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



128.8900, -63.5428, 34.2995



118.0320, -29.1028, -45.6321



113.8600, 65.6380, -99.8552



141.6830, 34.6663, 34.4810

Sweetspot

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



128.8900, -63.5428, 34.2995



203.9590, -24.6298, 13.1910



54.3360, -9.0396, 99.6833



100.7440, -15.1568, 8.1175



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



128.8900, -63.5428, 34.2995



168.2060, -82.9256, 44.5463



134.4960, -66.3065, -12.7130



81.9140, -2.9156, 1.8294



113.5180, -55.9644, 30.2407



15.3720, -7.5784, 4.0588

Inverse Universe

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



39.1100, 63.5428, -34.2995



50.7940, 82.9256, -44.5463



33.5040, 66.3065, 12.7130



77.4990, 3.2050, -1.3146



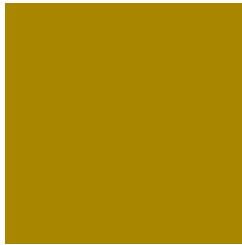
34.4820, 55.9644, -30.2407



4.6280, 7.5784, -4.0588

Previews

White Background



This preview shows how the YUV color 128.8900, -63.5428, 34.2995 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 128.8900, -63.5428, 34.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

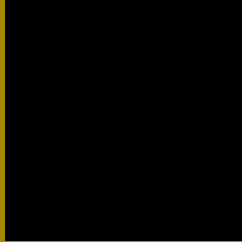
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.8900, -63.5428, 34.2995

Background



This preview shows how black text looks on a background with the YUV color 128.8900, -63.5428, 34.2995.



This preview shows how white text looks on a background with the YUV color 128.8900, -63.5428,

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



Protanopia

129.1490, -59.7265, 23.5483

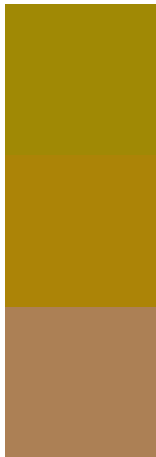
Deuteranopia

130.4760, -58.9017, 39.0475

Tritanopia

140.9760, -3.4392, 29.8390

Trichromacy



Protanomaly

128.8290, -61.0477, 27.3370

Deuteranomaly

129.7100, -60.4960, 37.0883

Tritanomaly

136.2540, -25.2682, 31.3492

Monochromacy



Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0020, -23.1720, 12.2762

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.8900, -63.5428, 34.2995 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(168, 134, 0)` looks like.

```
.text, #text, p{  
    color:rgb(168, 134, 0)  
}
```

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(168, 134, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 134, 0) }
```

Border

The CSS property to change the border of an element to YUV 128.8900, -63.5428, 34.2995 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(168, 134, 0) }
```

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

```
.border{ border-color:rgb(168, 134, 0) }
```

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

Here you see how a box with a 4 pixel rgb(168, 134, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 134, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 134, 0);  
box-shadow:4px 4px 4px 4px rgb(168, 134,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 128.8900, -63.5428, 34.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 134, 0) }
```

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

```
.background{ background-color: rgb(168,  
134, 0) }
```

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