

Converting Colors

YUV(136.8990, 0.0498, 30.7836)

Have a look what the booklet for
YUV(136.8990, 0.0498, 30.7836)
contains.

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Color

**YUV(136.8990, 0.0498,
30.7836)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7789
RGB	172, 119, 137
RGB Percent	67%, 47%, 54%
CMY	0.3255, 0.5333, 0.4627
CMYK	0.00, 0.31, 0.20, 0.33
HSL	340°, 24%, 57%
HSV	340°, 31%, 67%
XYZ	28.1254, 23.7705, 26.7727
YIQ	136.8990, 25.8100, 16.8340

Conversions

Conversions Part 2

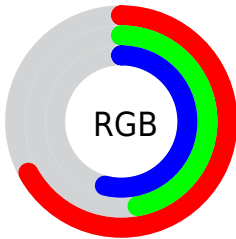
Format	Color
R_{YB}	172, 119, 137
Decimal	11302793
CIE _{Lab}	55.86, 23.46, -1.41
CIE _{LCh}	56, 23.501, 356.572
Yxy	23.7705, 0.3575, 0.3022
Android (android.graphics.Color)	4289492873 (0xFFAC7789)
YUV	136.8990, 0.0498, 30.7836
Hunter-Lab	48.7549, 17.6508, 1.5707

Details

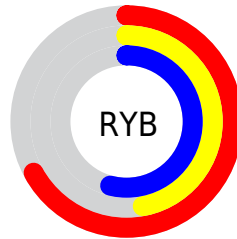
The YUV color $[136.8990, 0.0498, 30.7836]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[154.1010, -0.0498, -30.7836]$, and the grayscale version is $[137.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[190.7960, -0.3924, 32.6279]$, and $[86.5890, 0.2026, 28.4244]$ is the 20% darker color. If you saturate the color by 10%, you get $[125.6660, 0.1647, 40.6349]$, and if you desaturate by 10%, it is $[148.1320, -0.0651, 20.9322]$.

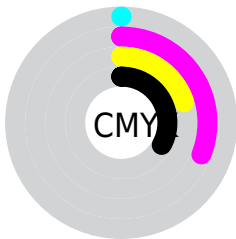
Distribution



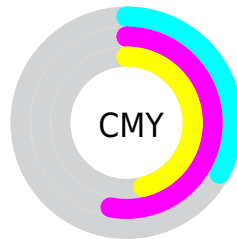
- Red (67%)
- Green (47%)
- Blue (54%)



- Red (67%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (31%)
- Yellow (20%)
- Black (33%)




- Cyan (33%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.8990, 0.0498, 30.7836 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 136.8990, 0.0498, 30.7836 by changing the saturation by 10% instead.

 136.8990, 0.0498,
30.7836

 136.8990, 0.0498,
30.7836


255.0000, 0.0000,
0.0000

 111.3010, 0.3446,
29.5540


 190.7960, -0.3924,
32.6279


 86.5890, 0.2026,
28.4244


 217.9100, 0.0444,
32.5279

 62.6920, 0.6448,
26.5801

 237.6520, 4.6086,
15.2142

 39.2080, 1.3765,
25.2506

 17.1370, 2.3975,
24.4359

 4.1860, -2.0637,
8.6069

 0.0000, 0.0000,

0.0000

■ 136.8990, 0.0498,
30.7836

■ 136.8990, 0.0498,
30.7836

■ 125.6660, 0.1647,
40.6349

■ 148.1320, -0.0651,
20.9322

■ 114.3190, -0.1573,
50.5862

■ 159.4790, 0.2569,
10.9809

■ 102.4990, 0.2470,
60.9524

■ 171.2990, -0.1474,
0.6148

■ 91.2660, 0.3619,
70.8037

■ 182.5320, -0.2623,
-9.2366

■ 79.9190, 0.0399,
80.7550

■ 193.8790, 0.0597,
-19.1879

■ 68.6860, 0.1548,
90.6064

■ 205.1120, -0.0552,
-29.0392

■ 58.0400, -0.0197,
99.9429

■ 216.4590, 0.2667,
-38.9905

■ 227.1050, 0.4412,
-48.3271

■ 228.3590, 5.2460,
-49.4268

Harmonies

Analogous

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



137.3410, 9.6919, 18.1179



136.8990, 0.0498, 30.7836



136.1030, -9.4178, 34.1127

Triad

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



136.8990, 0.0498, 30.7836



130.6350, -16.5821, -1.4339



126.0130, 20.2066, -41.2304

Complementary

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



136.8990, 0.0498, 30.7836



154.1010, -0.0498, -30.7836

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.



123.5580, 13.5289, -46.0934



136.8990, 0.0498, 30.7836



128.2890, -8.5235, -19.5475

Square

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



136.8990, 0.0498, 30.7836



133.2350, -19.8359, 15.5799



125.1650, 2.8767, -36.1017



130.7640, 21.3153, -23.4720

Rectangle

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



136.8990, 0.0498, 30.7836



135.3000, -14.9379, 31.3089



125.1650, 2.8767, -36.1017



124.6490, 18.9070, -44.4192

Sweetspot

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



136.8990, 0.0498, 30.7836



210.7780, 0.1094, 11.5957



135.2080, 18.1385, 15.6036



104.0440, -0.0217, 6.9774



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



136.8990, 0.0498, 30.7836



169.1230, 0.4324, 48.1271



139.5430, -10.1277, 28.4648



81.0330, -0.0163, 5.2331



50.6640, 0.1656, 87.1177



7.7890, 0.1040, 13.3400

Inverse Universe

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



136.8990, 0.0498, 30.7836



169.1230, 0.4324, 48.1271



151.4570, 10.1277, -28.4648



81.0330, -0.0163, 5.2331



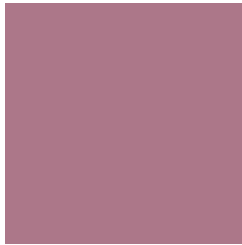
50.6640, 0.1656, 87.1177



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 136.8990, 0.0498, 30.7836 looks on a white background.

Color Contrast Check

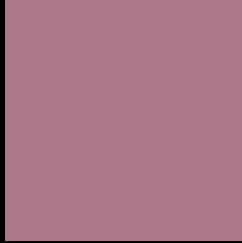
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8990, 0.0498, 30.7836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

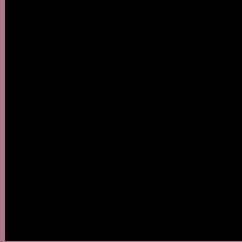
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.8990, 0.0498, 30.7836

Background



This preview shows how black text looks on a background with the YUV color 136.8990, 0.0498, 30.7836.



This preview shows how white text looks on a background with the YUV color 136.8990, 0.0498,

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

136.8990, 0.0498, 30.7836

Protanopia

134.4820, 5.6784, -1.2997

Deuteranopia

135.6530, -0.3219, 9.9513



Tritanopia

136.2750, -3.5866, 30.4538

Trichromacy



Original Color

136.8990, 0.0498, 30.7836

Protanomaly

135.3910, 3.7512, 10.1811

Deuteranomaly

136.1100, -0.0542, 17.4435

Tritanomaly

136.6170, -2.2762, 30.1539

Monochromacy



Original Color

136.8990, 0.0498, 30.7836

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.7780, 0.1094, 11.5957

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8990, 0.0498, 30.7836 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(172, 119, 137)` looks like.

```
.text, #text, p{  
    color:rgb(172, 119, 137)  
}
```

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(172, 119, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 119, 137) }
```

Border

The CSS property to change the border of an element to YUV 136.8990, 0.0498, 30.7836 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(172, 119, 137) }
```


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

```
.border{ border-color:rgb(172, 119, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 119, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 119, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 119, 137);  
box-shadow:4px 4px 4px 4px rgb(172, 119,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 136.8990, 0.0498, 30.7836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 119, 137) }
```

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

```
.background{ background-color: rgb(172,  
119, 137) }
```

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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