

Converting Colors

YUV(122.2750, -0.1356,
43.6088)

Have a look what the booklet for
YUV(122.2750, -0.1356, 43.6088)
contains.

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Color

**YUV(122.2750, -0.1356,
43.6088)**

Conversions

Conversions Part 1

Format	Color
Hex	AC617A
RGB	172, 97, 122
RGB Percent	67%, 38%, 48%
CMY	0.3255, 0.6196, 0.5216
CMYK	0.00, 0.44, 0.29, 0.33
HSL	340°, 31%, 53%
HSV	340°, 44%, 67%
XYZ	24.8008, 18.7252, 20.7195
YIQ	122.2750, 36.6750, 23.6750

Conversions

Conversions Part 2

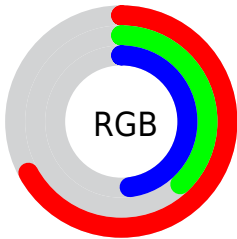
Format	Color
R_{YB}	172, 97, 122
Decimal	11297146
CIE Lab	50.36, 33.45, -0.62
CIE LCh	50, 33.459, 358.945
Yxy	18.7252, 0.3860, 0.2915
Android (android.graphics.Color)	4289487226 (0xFFAC617A)
YUV	122.2750, -0.1356, 43.6088
Hunter-Lab	43.2726, 26.5765, 1.9019

Details

The YUV color **122.2750, -0.1356, 43.6088** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **146.7250, 0.1356, -43.6088**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7700, -0.8726, 46.6827**, and **71.5950, 1.1857, 39.8202** is the 20% darker color. If you saturate the color by 10%, you get **111.0420, -0.0207, 53.4602**, and if you desaturate by 10%, it is **133.5080, -0.2504, 33.7575**.

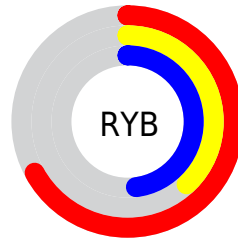
Distribution



Red (67%)

Green (38%)

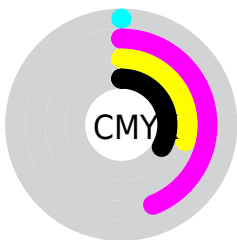
Blue (48%)



Red (67%)

Yellow (38%)

Blue (48%)

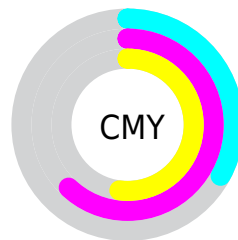


Cyan (0%)

Magenta (44%)

Yellow (29%)

Black (33%)



Cyan (33%)

Magenta (62%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2750, -0.1356, 43.6088 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 122.2750, -0.1356, 43.6088 by changing the saturation by 10% instead.

122.2750, -0.1356,
43.6088

122.2750, -0.1356,
43.6088

255.0000, 0.0000,
0.0000

96.3780, 0.3066,
41.7645

175.7700, -0.8726,
46.6827

71.5950, 1.1857,
39.8202

202.5850, -0.2884,
45.9680

46.5240, 2.2067,
39.0055

222.2130, 3.8390,
28.7542

23.1540, 3.3751,
37.5759

242.0860, 6.3666,
11.3256

13.9110, -4.8861,
27.2651

0.0000, 0.0000,
0.0000

122.2750, -0.1356,
43.6088

122.2750, -0.1356,
43.6088

111.0420, -0.0207,
53.4602

133.5080, -0.2504,
33.7575

99.6950, -0.3426,
63.4115

144.8550, 0.0715,
23.8062

87.8750, 0.0616,
73.7776

156.6750, -0.3328,
13.4400

76.5280, -0.2603,
83.7289

168.0220, -0.0108,
3.4887

65.2950, -0.1454,
93.5803

179.2550, -0.1257,
-6.3626


57.9260, -0.4565,
100.0429

190.6020, 0.1962,
-16.3140

201.8350, 0.0813,
-26.1653

213.7690, 0.1139,

-36.6314

 225.0020, -0.0010,
-46.4828

Harmonies

Analogous

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



123.6070, 13.0117, 26.6547



122.2750, -0.1356, 43.6088



120.5560, -13.0921, 45.9934

Triad

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



122.2750, -0.1356, 43.6088



114.7180, -22.5390, -4.1377



95.4620, 35.7612, -83.7202

Complementary

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



122.2750, -0.1356, 43.6088



146.7250, 0.1356, -43.6088

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.



95.3020, 24.9941, -83.5799



122.2750, -0.1356, 43.6088



110.0550, -10.3801, -30.7432

Square

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



122.2750, -0.1356, 43.6088



117.8950, -27.5562, 18.5091



99.8730, 8.9366, -66.5406



114.0920, 30.5206, -36.0377

Rectangle

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



122.2750, -0.1356, 43.6088



120.4600, -20.9328, 40.8156



99.8730, 8.9366, -66.5406



95.9520, 32.5617, -84.1499

Sweetspot

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



122.2750, -0.1356, 43.6088



204.8110, 0.0932, 16.8288



120.5000, 25.3895, 23.2405



100.0660, -0.0325, 10.4661



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.



122.2750, -0.1356, 43.6088



147.1300, -0.0641, 67.4150



127.0560, -14.8176, 39.4159



81.0330, -0.0163, 5.2331



50.5500, -0.2712, 87.2176



7.7890, 0.1040, 13.3400

Inverse Universe

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



122.2750, -0.1356, 43.6088



147.1300, -0.0641, 67.4150



142.5310, 14.5282, -39.9307



81.0330, -0.0163, 5.2331



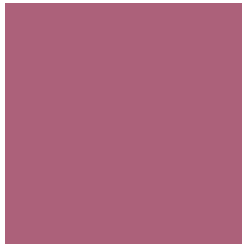
50.5500, -0.2712, 87.2176



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 122.2750, -0.1356, 43.6088 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 122.2750, -0.1356, 43.6088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

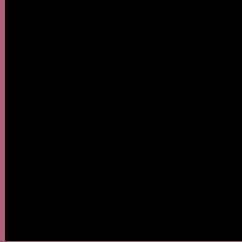
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.2750, -0.1356, 43.6088

Background



This preview shows how black text looks on a background with the YUV color 122.2750, -0.1356, 43.6088.



This preview shows how white text looks on a background with the YUV color 122.2750, -0.1356,

43.6088.

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

122.2750, -0.1356, 43.6088

Protanopia

120.6390, 7.5730, -2.3144

Deuteranopia

121.1260, -1.0481, 9.5365



Tritanopia

122.0270, -7.4083, 42.9493

Trichromacy



Original Color

122.2750, -0.1356, 43.6088

Protanomaly

121.3530, 4.7560, 14.5994

Deuteranomaly

121.6160, -0.7967, 22.2618

Tritanomaly

122.0100, -4.9349, 42.9642

Monochromacy



Original Color

122.2750, -0.1356, 43.6088

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0990, -0.0488, 15.6992

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2750, -0.1356, 43.6088 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, 97, 122)` looks like.

```
.text, #text, p{  
    color:rgb(172, 97, 122)  
}
```

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, 97, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 97, 122) }
```

Border

The CSS property to change the border of an element to YUV 122.2750, -0.1356, 43.6088 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, 97, 122) }
```


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

```
.border{ border-color:rgb(172, 97, 122) }
```

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

Here you see how a box with a 4 pixel rgb(172, 97, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 97, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 97, 122);  
box-shadow:4px 4px 4px 4px rgb(172, 97,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 122.2750, -0.1356, 43.6088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 97, 122) }
```

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

```
.background{ background-color: rgb(172, 97,  
122) }
```

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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