

Converting Colors

YUV(117.1270, -32.6006,
49.8776)

Have a look what the booklet for
YUV(117.1270, -32.6006, 49.8776)
contains.

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Color

**YUV(117.1270, -32.6006,
49.8776)**

Conversions

Conversions Part 1

Format	Color
Hex	AE6533
RGB	174, 101, 51
RGB Percent	68%, 40%, 20%
CMY	0.3176, 0.6039, 0.8000
CMYK	0.00, 0.42, 0.71, 0.32
HSL	24°, 55%, 44%
HSV	24°, 71%, 68%
XYZ	22.7068, 18.5450, 5.5147
YIQ	117.1270, 59.5580, -0.0740

Conversions

Conversions Part 2

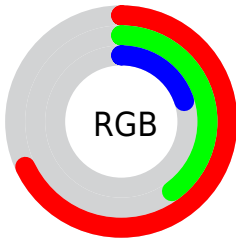
Format	Color
RYB	174, 135, 51
Decimal	11429171
CIELab	50.15, 25.12, 40.06
CIELCh	50, 47.278, 57.911
Yxy	18.5450, 0.4855, 0.3965
Android (android.graphics.Color)	4289619251 (0xFFAE6533)
YUV	117.1270, -32.6006, 49.8776
Hunter-Lab	43.0640, 18.7576, 22.5521

Details

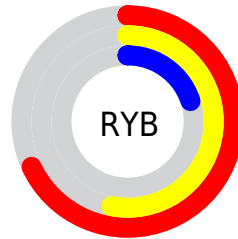
The YUV color **117.1270, -32.6006, 49.8776** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **107.8730, 32.6006, -49.8776**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1770, -35.0903, 55.0958**, and **66.0230, -31.5633, 43.8298** is the 20% darker color. If you saturate the color by 10%, you get **109.3190, -37.1323, 56.7252**, and if you desaturate by 10%, it is **124.9350, -28.0690, 43.0300**.

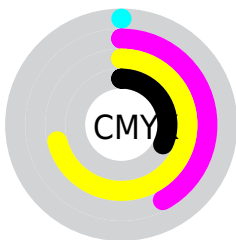
Distribution



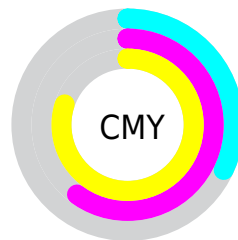
- Red (68%)
- Green (40%)
- Blue (20%)



- Red (68%)
- Yellow (53%)
- Blue (20%)



- Cyan (0%)
- Magenta (42%)
- Yellow (71%)
- Black (32%)



- Cyan (32%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1270, -32.6006, 49.8776 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 117.1270, -32.6006, 49.8776 by changing the saturation by 10% instead.

■ 117.1270,
-32.6006, 49.8776

■ 117.1270,
-32.6006, 49.8776

■ 255.0000, 0.0000,
0.0000

■ 91.6320, -31.8636,
46.8037

■ 171.1770,
-35.0903, 55.0958

■ 66.0230, -31.5633,
43.8298

■ 196.1550,
-35.0794, 51.6071

■ 44.2210, -21.8010,
39.2712

■ 214.9680,
-31.5362, 35.1081

■ 22.3480, -11.0176,
33.8978

■ 235.1830,
-27.6982, 17.3795

■ 11.7750, -5.3121,
23.8763

■ 249.4140,
-21.4031, 4.8989

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,

1.9996

■ 117.1270,
-32.6006, 49.8776

■ 117.1270,
-32.6006, 49.8776

■ 109.3190,
-37.1323, 56.7252

■ 124.9350,
-28.0690, 43.0300

■ 100.8100,
-41.8113, 64.1876

■ 133.4440,
-23.3899, 35.5676

■ 93.7030, -46.1956,
70.4205

■ 141.2520,
-18.8582, 28.7200

■ 149.1740,
-13.8898, 21.7724

■ 157.5690, -9.6475,
14.4100

■ 165.3770, -5.1159,
7.5624

■ 173.2990, -0.1474,
0.6148

■ 181.6940, 4.0949,
-6.7476

■ 189.6160, 9.0633,
-13.6952

Harmonies

Analogous

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



117.7540, -16.6407, 64.2367



117.1270, -32.6006, 49.8776



114.6110, -40.2342, 24.8972

Triad

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



117.1270, -32.6006, 49.8776



94.7030, 10.0064, -83.0545



120.7290, 34.6436, -5.0243

Complementary

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



117.1270, -32.6006, 49.8776



107.8730, 32.6006, -49.8776

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.



96.1750, 51.1857, -84.3455



117.1270, -32.6006, 49.8776



98.7900, 28.2045, -86.6388

Square

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



117.1270, -32.6006, 49.8776



102.1470, -13.3835, -47.4869



99.9760, 42.9028, -87.6790



122.8070, 19.8151, 37.8803

Rectangle

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



117.1270, -32.6006, 49.8776



112.7610, -37.8432, 4.5946



99.9760, 42.9028, -87.6790



117.0580, 38.9184, -22.8529

Sweetspot

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



117.1270, -32.6006, 49.8776



205.0920, -12.8634, 19.2133



96.2130, 14.1920, 68.2192



101.7150, -7.7475, 11.6509



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



117.1270, -32.6006, 49.8776



137.4930, -51.0220, 78.4976



152.9340, -50.2535, 18.4749



83.0390, -2.4842, 3.4738



80.6570, -39.7639, 60.8138



12.1600, -5.9949, 9.5067

Inverse Universe

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



107.8730, 32.6006, -49.8776



123.5070, 51.0220, -78.4976



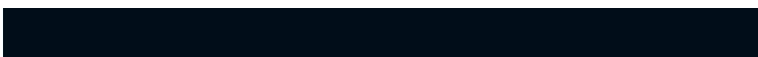
72.0660, 50.2535, -18.4749



81.9610, 2.4842, -3.4738



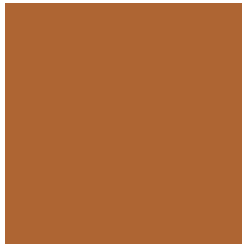
69.3430, 39.7639, -60.8138



10.8400, 5.9949, -9.5067

Previews

White Background



This preview shows how the YUV color 117.1270, -32.6006, 49.8776 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 117.1270, -32.6006, 49.8776 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 117.1270, -32.6006, 49.8776

Background



This preview shows how black text looks on a background with the YUV color 117.1270, -32.6006, 49.8776.



This preview shows how white text looks on a background with the YUV color 117.1270, -32.6006,

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

117.1270, -32.6006, 49.8776

Protanopia

116.7050, -29.4346, 14.2907

Deuteranopia

116.9410, -33.9879, 28.1157



Tritanopia

120.3160, -9.0298, 49.7119

Trichromacy



Original Color

117.1270, -32.6006, 49.8776

Protanomaly

116.8530, -30.4935, 27.3159

Deuteranomaly

116.8110, -33.4308, 36.1228

Tritanomaly

119.0250, -17.7603, 49.9671

Monochromacy



Original Color

117.1270, -32.6006, 49.8776

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0210, -11.8424, 18.3986

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1270, -32.6006, 49.8776 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(174, 101, 51)` looks like.

```
.text, #text, p{  
    color:rgb(174, 101, 51)  
}
```

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(174, 101, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 101, 51) }
```

Border

The CSS property to change the border of an element to YUV 117.1270, -32.6006, 49.8776 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(174, 101, 51) }
```


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

```
.border{ border-color:rgb(174, 101, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 101, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 101, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 101, 51);  
box-shadow:4px 4px 4px 4px rgb(174, 101,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 117.1270, -32.6006, 49.8776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 101, 51) }
```

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

```
.background{ background-color: rgb(174,  
101, 51) }
```

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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