

Converting Colors

YUV(117.3630, -3.6300,
44.4086)

Have a look what the booklet for
YUV(117.3630, -3.6300, 44.4086)
contains.

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Color

**YUV(117.3630, -3.6300,
44.4086)**

Conversions

Conversions Part 1

Format	Color
Hex	A85D6E
RGB	168, 93, 110
RGB Percent	66%, 36%, 43%
CMY	0.3412, 0.6353, 0.5686
CMYK	0.00, 0.45, 0.35, 0.34
HSL	346°, 30%, 51%
HSV	346°, 45%, 66%
XYZ	22.8773, 17.2793, 16.8813
YIQ	117.3630, 39.2430, 21.1870

Conversions

Conversions Part 2

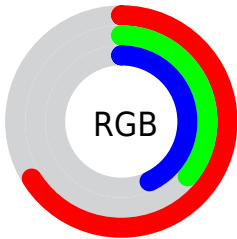
Format	Color
R _Y B	168, 93, 110
Decimal	11033966
CIE Lab	48.61, 32.53, 3.95
CIE LCh	49, 32.770, 6.929
Yxy	17.2793, 0.4011, 0.3029
Android (android.graphics.Color)	4289224046 (0xFFA85D6E)
YUV	117.3630, -3.6300, 44.4086
Hunter-Lab	41.5684, 25.4932, 5.0196

Details

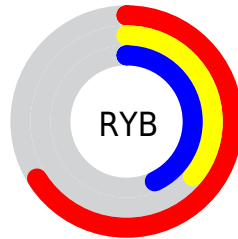
The YUV color **117.3630, -3.6300, 44.4086** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **143.6370, 3.6300, -44.4086**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.7440, -4.8038, 47.5825**, and **66.7970, -1.8719, 40.5200** is the 20% darker color. If you saturate the color by 10%, you get **105.9020, -4.3887, 54.4599**, and if you desaturate by 10%, it is **128.8240, -2.8712, 34.3574**.

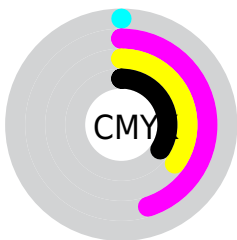
Distribution



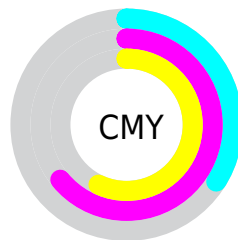
- Red (66%)
- Green (36%)
- Blue (43%)



- Red (66%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (45%)
- Yellow (35%)
- Black (34%)




- Cyan (34%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.3630, -3.6300, 44.4086 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 117.3630, -3.6300, 44.4086 by changing the saturation by 10% instead.


 117.3630, -3.6300,
44.4086

 117.3630, -3.6300,
44.4086


255.0000, 0.0000,
0.0000


 91.5800, -2.7509,
42.4643


 170.7440, -4.8038,
47.5825


 66.7970, -1.8719,
40.5200

 198.6410, -5.2460,
49.4268

 41.8400, -0.4141,
39.6053

 218.2690, -1.1186,
32.2131

 20.5190, -0.2559,
35.5018

 238.0110, 3.4456,
14.8994

 12.0740, -5.4595,
24.4911

 0.0000, 0.0000,
0.0000

■ 117.3630, -3.6300,
44.4086

■ 117.3630, -3.6300,
44.4086

■ 105.9020, -4.3887,
54.4599

■ 128.8240, -2.8712,
34.3574

■ 94.4410, -5.1474,
64.5112

■ 140.2850, -2.1125,
24.3061

■ 83.5670, -6.1955,
74.0477

■ 151.1590, -1.0644,
14.7696

■ 72.1060, -6.9543,
84.0990

■ 162.6200, -0.3057,
4.7183

■ 60.6450, -7.7130,
94.1503

■ 174.0810, 0.4531,
-5.3330

■ 54.5640, -8.1661,
99.4834

■ 185.5420, 1.2118,
-15.3843

■ 197.0030, 1.9705,
-25.4356

■ 207.8770, 3.0186,

-34.9721

 219.3380, 3.7774,
-45.0234

Harmonies

Analogous

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



119.0160, 9.3591, 31.5580



117.3630, -3.6300, 44.4086



116.1490, -15.8495, 43.7193

Triad

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



117.3630, -3.6300, 44.4086



109.7710, -19.6071, -11.2002



95.5990, 34.7077, -72.4393

Complementary

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



117.3630, -3.6300, 44.4086



143.6370, 3.6300, -44.4086

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.



92.5950, 27.3147, -81.2058



117.3630, -3.6300, 44.4086



103.9770, -5.4117, -37.6908

Square

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



117.3630, -3.6300, 44.4086



112.7910, -26.5190, 12.4613



90.1040, 15.2317, -79.0212



112.2890, 28.4515, -25.6865

Rectangle

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



117.3630, -3.6300, 44.4086



115.3840, -22.3743, 36.4972



90.1040, 15.2317, -79.0212



92.3160, 33.8612, -80.9611

Sweetspot

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



117.3630, -3.6300, 44.4086



200.0560, -1.5066, 16.6139



118.5930, 24.3577, 27.5439



97.8380, -0.9061, 10.6661



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.



117.3630, -3.6300, 44.4086



139.3600, -5.6005, 69.8443



127.1650, -16.8433, 35.8123



78.6200, -0.3057, 4.7183



48.1280, -6.9651, 87.5877



6.5500, -0.7641, 11.7957

Inverse Universe

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



117.3630, -3.6300, 44.4086



139.3600, -5.6005, 69.8443



133.8350, 16.8433, -35.8123



78.6200, -0.3057, 4.7183



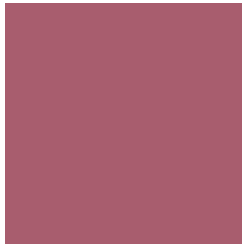
48.1280, -6.9651, 87.5877



6.5500, -0.7641, 11.7957

Previews

White Background



This preview shows how the YUV color 117.3630, -3.6300, 44.4086 looks on a white background.

Color Contrast Check

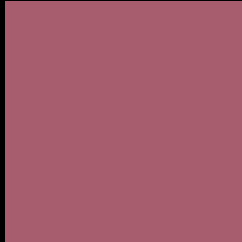
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 117.3630, -3.6300, 44.4086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

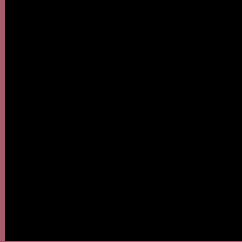
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.3630, -3.6300, 44.4086

Background



This preview shows how black text looks on a background with the YUV color 117.3630, -3.6300, 44.4086.



This preview shows how white text looks on a background with the YUV color 117.3630, -3.6300,

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

117.3630, -3.6300, 44.4086

Protanopia

116.2110, 3.3470, -0.1850

Deuteranopia

117.1110, -4.9847, 12.1807



Tritanopia

116.6250, -7.7031, 44.1789

Trichromacy



Original Color

117.3630, -3.6300, 44.4086

Protanomaly

116.6260, 0.6774, 16.1140

Deuteranomaly

117.0030, -4.4385, 23.6764

Tritanomaly

116.9670, -6.3927, 43.8789

Monochromacy



Original Color

117.3630, -3.6300, 44.4086

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0560, -1.5066, 16.6139

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3630, -3.6300, 44.4086 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, 93, 110)` looks like.

```
.text, #text, p{  
    color:rgb(168, 93, 110)  
}
```

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, 93, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 93, 110) }
```

Border

The CSS property to change the border of an element to YUV 117.3630, -3.6300, 44.4086 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, 93, 110) }
```


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

```
.border{ border-color:rgb(168, 93, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 93, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 93, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 93, 110);  
box-shadow:4px 4px 4px 4px rgb(168, 93,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 117.3630, -3.6300, 44.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 93, 110) }
```

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

```
.background{ background-color: rgb(168, 93,  
110) }
```

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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