

Converting Colors

YUV(121.0300, -1.9868,
30.6687)

Have a look what the booklet for
YUV(121.0300, -1.9868, 30.6687)
contains.

YUV(121.0300, -1.9868, 30.6687)	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>	31

Color

**YUV(121.0300, -1.9868,
30.6687)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6875
RGB	156, 104, 117
RGB Percent	61%, 41%, 46%
CMY	0.3882, 0.5922, 0.5412
CMYK	0.00, 0.33, 0.25, 0.39
HSL	345°, 21%, 51%
HSV	345°, 33%, 61%
XYZ	21.8715, 18.2529, 19.2000
YIQ	121.0300, 26.8190, 15.0670

Conversions

Conversions Part 2

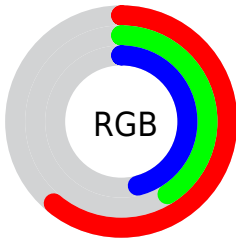
Format	Color
R_{YB}	156, 104, 117
Decimal	10250357
CIE _{Lab}	49.80, 22.77, 1.30
CIE _{LCh}	50, 22.806, 3.262
Yxy	18.2529, 0.3687, 0.3077
Android (android.graphics.Color)	4288440437 (0xFF9C6875)
YUV	121.0300, -1.9868, 30.6687
Hunter-Lab	42.7234, 16.6140, 3.2613

Details

The YUV color **121.0300, -1.9868, 30.6687** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **138.9700, 1.9868, -30.6687**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2260, -2.5764, 33.1278**, and **71.5350, -1.2498, 27.5948** is the 20% darker color. If you saturate the color by 10%, you get **110.2700, -2.5981, 40.1052**, and if you desaturate by 10%, it is **131.7900, -1.3755, 21.2322**.

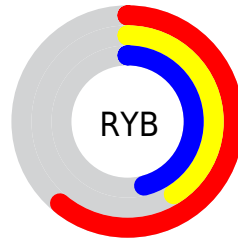
Distribution



Red (61%)

Green (41%)

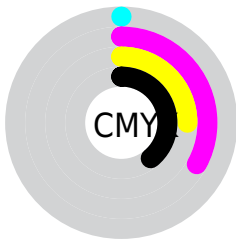
Blue (46%)



Red (61%)

Yellow (41%)

Blue (46%)

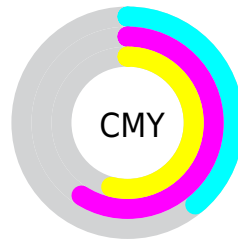


Cyan (0%)

Magenta (33%)

Yellow (25%)

Black (39%)



Cyan (39%)

Magenta (59%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.0300, -1.9868, 30.6687 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 121.0300, -1.9868, 30.6687 by changing the saturation by 10% instead.

121.0300, -1.9868,
30.6687

121.0300, -1.9868,
30.6687

255.0000, 0.0000,
0.0000

95.4320, -1.6920,
29.4391

174.2260, -2.5764,
33.1278

71.5350, -1.2498,
27.5948

201.5250, -2.7238,
33.7426

48.0510, -0.5181,
26.2653

225.6380, -0.8075,
25.7505

25.5670, 0.2135,
24.9357

245.3800, 3.7567,
8.4367

10.8780, -4.8699,
22.0320

0.0000, 0.0000,
0.0000

121.0300, -1.9868,
30.6687

121.0300, -1.9868,
30.6687

110.2700, -2.5981,
40.1052

131.7900, -1.3755,
21.2322

100.2110, -3.0620,
48.9270

141.8490, -0.9116,
12.4104

89.4510, -3.6733,
58.3635

152.6090, -0.3002,
2.9739

79.2780, -4.5741,
67.2852

162.7820, 0.6005,
-5.9478

68.5180, -5.1854,
76.7217

173.5420, 1.2118,
-15.3843

57.8720, -5.3599,
86.0583

184.1880, 1.3863,
-24.7209

51.0900, -5.9604,
92.0061

194.3610, 2.2870,
-33.6426

205.1210, 2.8983,

-43.0791

 215.1800, 3.3623,
-51.9009

Harmonies

Analogous

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



121.6680, 7.0657, 20.4622



121.0300, -1.9868, 30.6687



120.0380, -10.8647, 31.5387

Triad

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



121.0300, -1.9868, 30.6687



115.1830, -14.3872, -5.4225



111.3340, 20.0483, -37.1269

Complementary

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



121.0300, -1.9868, 30.6687



138.9700, 1.9868, -30.6687

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.



107.7260, 15.4181, -45.3637



121.0300, -1.9868, 30.6687



112.5490, -6.1867, -22.4065

Square

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



121.0300, -1.9868, 30.6687



117.2560, -18.3672, 11.1765



109.1370, 5.3555, -37.8311



117.0420, 19.6993, -18.4538

Rectangle

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



121.0300, -1.9868, 30.6687



119.1640, -15.3639, 27.9202



109.1370, 5.3555, -37.8311



109.7850, 19.3330, -41.0304

Sweetspot

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



121.0300, -1.9868, 30.6687



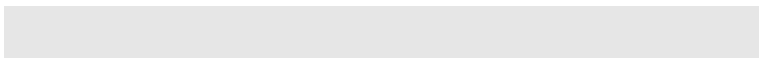
190.5500, -0.7641, 11.7957



121.5890, 16.9646, 18.7774



93.9300, -0.4585, 7.0774



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



121.0300, -1.9868, 30.6687



148.9120, -2.9146, 48.3122



127.1790, -11.4272, 25.2760



73.6200, -0.3057, 4.7183



46.8610, -5.3545, 84.3139



4.9410, -0.4639, 8.8217

Inverse Universe

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



121.0300, -1.9868, 30.6687



148.9120, -2.9146, 48.3122



132.8210, 11.4272, -25.2760



73.6200, -0.3057, 4.7183



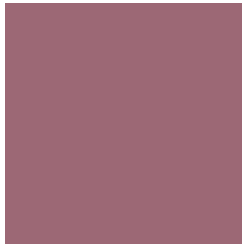
46.8610, -5.3545, 84.3139



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 121.0300, -1.9868, 30.6687 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 121.0300, -1.9868, 30.6687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

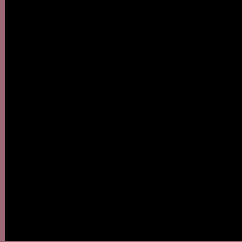
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.0300, -1.9868, 30.6687

Background



This preview shows how black text looks on a background with the YUV color 121.0300, -1.9868, 30.6687.



This preview shows how white text looks on a background with the YUV color 121.0300, -1.9868,

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

121.0300, -1.9868, 30.6687

Protanopia

119.0970, 2.9102, -0.0851

Deuteranopia

120.0830, -2.5059, 10.4512



Tritanopia

121.1610, -4.0234, 30.5538

Trichromacy



Original Color

121.0300, -1.9868, 30.6687

Protanomaly

119.7070, 1.1304, 10.7810

Deuteranomaly

120.5400, -2.2382, 17.9434

Tritanomaly

121.2750, -3.5866, 30.4538

Monochromacy



Original Color

121.0300, -1.9868, 30.6687

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.2510, -0.6167, 11.1809

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.0300, -1.9868, 30.6687 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(156, 104, 117)` looks like.

```
.text, #text, p{  
    color:rgb(156, 104, 117)  
}
```

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(156, 104, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 104, 117) }
```

Border

The CSS property to change the border of an element to YUV 121.0300, -1.9868, 30.6687 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(156, 104, 117) }
```


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

```
.border{ border-color:rgb(156, 104, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 104, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 104, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 104, 117);  
box-shadow:4px 4px 4px 4px rgb(156, 104,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 121.0300, -1.9868, 30.6687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 104, 117) }
```

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

```
.background{ background-color: rgb(156,  
104, 117) }
```

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