

Converting Colors

YUV(127.8730, 16.3316,
35.1914)

Have a look what the booklet for
YUV(127.8730, 16.3316, 35.1914)
contains.

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Color

**YUV(127.8730, 16.3316,
35.1914)**

Conversions

Conversions Part 1

Format	Color
Hex	A865A1
RGB	168, 101, 161
RGB Percent	66%, 40%, 63%
CMY	0.3412, 0.6039, 0.3686
CMYK	0.00, 0.40, 0.04, 0.34
HSL	306°, 28%, 53%
HSV	306°, 40%, 66%
XYZ	27.2352, 20.2054, 36.1828
YIQ	127.8730, 20.6720, 32.8640

Conversions

Conversions Part 2

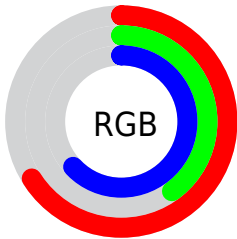
Format	Color
R _Y B	168, 101, 161
Decimal	11036065
CIE Lab	52.07, 36.24, -21.17
CIE LCh	52, 41.967, 329.705
Yxy	20.2054, 0.3257, 0.2416
Android (android.graphics.Color)	4289226145 (0xFFA865A1)
YUV	127.8730, 16.3316, 35.1914
Hunter-Lab	44.9504, 29.4887, -16.2601

Details

The YUV color **127.8730, 16.3316, 35.1914** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **141.1270, -16.3316, -35.1914**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4110, 17.0524, 37.3506**, and **76.4490, 16.0476, 32.9322** is the 20% darker color. If you saturate the color by 10%, you get **117.6660, 20.3777, 44.1429**, and if you desaturate by 10%, it is **138.0800, 12.2856, 26.2398**.

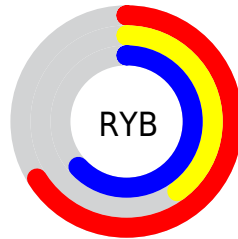
Distribution



Red (66%)

Green (40%)

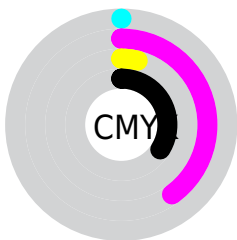
Blue (63%)



Red (66%)

Yellow (40%)

Blue (63%)

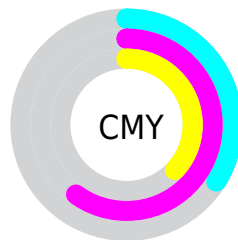


Cyan (0%)

Magenta (40%)

Yellow (4%)

Black (34%)



Cyan (34%)

Magenta (60%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.8730, 16.3316, 35.1914 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 127.8730, 16.3316, 35.1914 by changing the saturation by 10% instead.

■ 127.8730, 16.3316,
35.1914

■ 127.8730, 16.3316,
35.1914

■ 255.0000, 0.0000,
0.0000

■ 102.1610, 16.1896,
34.0618

■ 181.4110, 17.0524,
37.3506

■ 76.4490, 16.0476,
32.9322

■ 209.7100, 16.9050,
37.9653

■ 52.1500, 16.1951,
32.3175

■ 227.9980, 13.3120,
23.6808

■ 26.0900, 17.2106,
33.2471

■ 244.4340, 5.2090,
9.2664

■ 17.1180, 11.2808,
21.8215

■ 1.9380, 7.4256,
-1.6996

■ 0.0000, 0.0000,

0.0000

■ 127.8730, 16.3316,
35.1914

■ 127.8730, 16.3316,
35.1914

■ 117.6660, 20.3777,
44.1429

■ 138.0800, 12.2856,
26.2398

■ 107.4590, 24.4237,
53.0945

■ 148.2870, 8.2395,
17.2883

■ 97.9530, 28.6172,
61.4312

■ 157.7930, 4.0461,
8.9515

■ 87.7460, 32.6632,
70.3828

■ 168.0000, 0.0000,
0.0000

■ 77.5390, 36.7093,
79.3343

■ 178.2070, -4.0461,
-8.9515

■ 67.3320, 40.7553,
88.2858

■ 188.4140, -8.0921,
-17.9031

■ 198.5070,
-12.5750, -26.7546

■ 208.1270,
-16.3316, -35.1914

■ 218.3340,
-20.3777, -44.1429

Harmonies

Analogous

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



126.1980, 29.9754, -1.0506



127.8730, 16.3316, 35.1914



125.4660, 0.2633, 55.7193

Triad

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



127.8730, 16.3316, 35.1914



120.5550, -35.2766, 21.4383



101.4800, 28.3574, -88.9980

Complementary

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



127.8730, 16.3316, 35.1914



141.1270, -16.3316, -35.1914

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.



97.3760, 12.6326, -85.3988



127.8730, 16.3316, 35.1914



117.3880, -28.7853, -7.3563

Square

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



127.8730, 16.3316, 35.1914



122.7780, -29.9636, 44.0447



109.9350, -11.8000, -42.0390



101.6230, 41.5979, -89.1234

Rectangle

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



127.8730, 16.3316, 35.1914



124.5020, -11.0935, 58.3187



109.9350, -11.8000, -42.0390



100.1120, 23.1158, -87.7982

Sweetspot

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



127.8730, 16.3316, 35.1914



203.5100, 6.6506, 13.5847



110.7310, 28.2336, -2.3951



100.3800, 3.7567, 8.4367



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.



127.8730, 16.3316, 35.1914



156.1110, 25.5813, 55.1537



124.1110, 1.9173, 38.4907



79.1900, 1.8783, 4.2184



59.3000, 35.8411, 77.7899



8.0320, 4.9142, 10.4959

Inverse Universe

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



127.8730, 16.3316, 35.1914



156.1110, 25.5813, 55.1537



144.8890, -1.9173, -38.4907



79.1900, 1.8783, 4.2184



59.3000, 35.8411, 77.7899



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 127.8730, 16.3316, 35.1914 looks on a white background.

Color Contrast Check

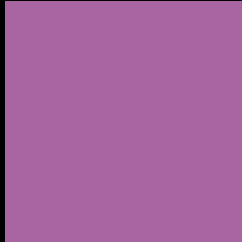
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.8730, 16.3316, 35.1914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

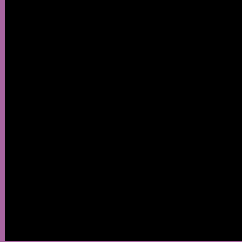
Any Text WCAG AA ✓ Pass

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 127.8730, 16.3316, 35.1914 Background



This preview shows how black text looks on a background with the YUV color 127.8730, 16.3316, 35.1914.



This preview shows how white text looks on a background with the YUV color 127.8730, 16.3316,

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

127.8730, 16.3316, 35.1914

Protanopia

124.4860, 26.3824, -15.3352

Deuteranopia

125.3920, 15.5827, -4.7288



Tritanopia

126.7590, -4.3182, 31.7834

Trichromacy



Original Color

127.8730, 16.3316, 35.1914

Protanomaly

125.6840, 22.8338, 2.9081

Deuteranomaly

125.8930, 15.8288, 9.7408

Tritanomaly

127.4200, 3.2439, 32.9577

Monochromacy



Original Color

127.8730, 16.3316, 35.1914

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.9830, 5.9244, 13.1699

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8730, 16.3316, 35.1914 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, 101, 161)` looks like.

```
.text, #text, p{  
    color:rgb(168, 101, 161)  
}
```

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, 101, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 101, 161) }
```

Border

The CSS property to change the border of an element to YUV 127.8730, 16.3316, 35.1914 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, 101, 161) }
```


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

```
.border{ border-color:rgb(168, 101, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 101, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 101, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 101, 161);  
box-shadow:4px 4px 4px 4px rgb(168, 101,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 127.8730, 16.3316, 35.1914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 101, 161) }
```

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

```
.background{ background-color: rgb(168,  
101, 161) }
```

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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