

Converting Colors

YUV(121.6070, 16.4627,
39.8097)

Have a look what the booklet for
YUV(121.6070, 16.4627, 39.8097)
contains.

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Color

**YUV(121.6070, 16.4627,
39.8097)**

Conversions

Conversions Part 1

Format	Color
Hex	A75C9B
RGB	167, 92, 155
RGB Percent	65%, 36%, 61%
CMY	0.3451, 0.6392, 0.3922
CMYK	0.00, 0.45, 0.07, 0.35
HSL	310°, 30%, 51%
HSV	310°, 45%, 65%
XYZ	25.6799, 18.2363, 33.1768
YIQ	121.6070, 24.4770, 35.4930

Conversions

Conversions Part 2

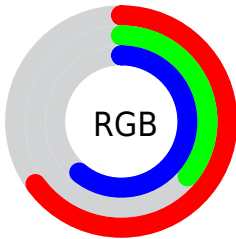
Format	Color
R_{YB}	167, 92, 155
Decimal	10968219
CIE _{Lab}	49.78, 39.70, -21.17
CIE _{LCh}	50, 44.987, 331.934
Yxy	18.2363, 0.3331, 0.2365
Android (android.graphics.Color)	4289158299 (0xFFA75C9B)
YUV	121.6070, 16.4627, 39.8097
Hunter-Lab	42.7040, 32.6082, -16.1697

Details

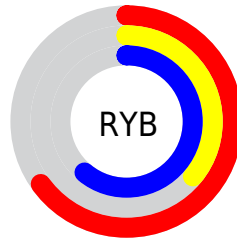
The YUV color **121.6070, 16.4627, 39.8097** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **137.3930, -16.4627, -39.8097**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4440, 17.0361, 42.5836**, and **70.2970, 16.6156, 37.4505** is the 20% darker color. If you saturate the color by 10%, you get **111.2860, 20.0720, 48.8612**, and if you desaturate by 10%, it is **131.9280, 12.8535, 30.7581**.

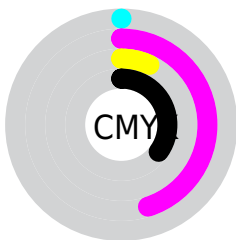
Distribution



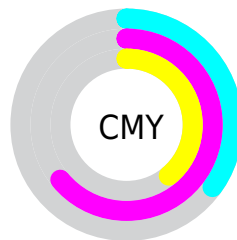
- Red (65%)
- Green (36%)
- Blue (61%)



- Red (65%)
- Yellow (36%)
- Blue (61%)



- Cyan (0%)
- Magenta (45%)
- Yellow (7%)
- Black (35%)



- Cyan (35%)
- Magenta (64%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.6070, 16.4627, 39.8097 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 121.6070, 16.4627, 39.8097 by changing the saturation by 10% instead.

121.6070, 16.4627,
39.8097

121.6070, 16.4627,
39.8097

255.0000, 0.0000,
0.0000

95.8950, 16.3208,
38.6801

175.4440, 17.0361,
42.5836

70.2970, 16.6156,
37.4505

203.1560, 17.1781,
43.7132

43.2370, 17.6312,
38.3802

222.1280, 16.2059,
28.8287

24.9220, 15.3215,
32.5174

239.1510, 7.8136,
13.8996

16.5480, 9.0968,
22.3214

1.0260, 3.9312,
-0.8998

0.0000, 0.0000,

0.0000

■ 121.6070, 16.4627,
39.8097

■ 121.6070, 16.4627,
39.8097

■ 111.2860, 20.0720,
48.8612

■ 131.9280, 12.8535,
30.7581

■ 101.6660, 23.8287,
57.2979

■ 141.5480, 9.0968,
22.3214

■ 91.3450, 27.4379,
66.3494

■ 151.8690, 5.4876,
13.2699

■ 81.0240, 31.0472,
75.4010

■ 162.1900, 1.8783,
4.2184

■ 71.4040, 34.8038,
83.8377

■ 172.3970, -2.1677,
-4.7332

■ 65.8930, 36.5348,
88.6708

■ 182.1310, -5.4876,
-13.2699

■ 192.4520, -9.0968,
-22.3214

■ 202.6590,
-13.1429, -31.2729

■ 212.3930,
-16.4627, -39.8097

Harmonies

Analogous

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



120.4480, 30.8381, 2.2381



121.6070, 16.4627, 39.8097



118.5590, -0.7686, 60.0228

Triad

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



121.6070, 16.4627, 39.8097



113.8600, -37.8920, 20.2938



97.8440, 29.6569, -85.8092

Complementary

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



121.6070, 16.4627, 39.8097



137.3930, -16.4627, -39.8097

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.



94.0990, 12.7692, -82.5248



121.6070, 16.4627, 39.8097



110.1380, -29.6480, -10.6450

Square

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



121.6070, 16.4627, 39.8097



116.3930, -32.7317, 45.2593



100.7490, -9.7363, -50.6459



98.5740, 42.6080, -86.4494

Rectangle

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



121.6070, 16.4627, 39.8097



117.4810, -12.5621, 62.7222



100.7490, -9.7363, -50.6459



97.0630, 24.1259, -85.1243

Sweetspot

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



121.6070, 16.4627, 39.8097



199.9940, 5.9190, 14.9143



103.8390, 31.1384, -0.7358



99.0920, 3.8986, 9.5663



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.



121.6070, 16.4627, 39.8097



146.1550, 25.5596, 62.1311



117.3890, 0.3012, 43.5088



79.1900, 1.8783, 4.2184



58.3880, 32.3467, 78.5897



7.9180, 4.4774, 10.5959

Inverse Universe

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



121.6070, 16.4627, 39.8097



146.1550, 25.5596, 62.1311



141.6110, -0.3012, -43.5088



79.1900, 1.8783, 4.2184



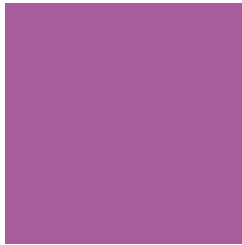
58.3880, 32.3467, 78.5897



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 121.6070, 16.4627, 39.8097 looks on a white background.

Color Contrast Check

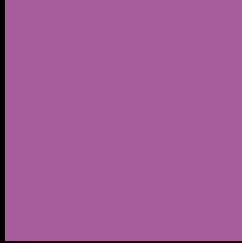
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.6070, 16.4627, 39.8097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

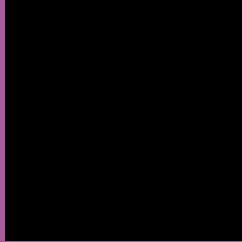
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.6070, 16.4627, 39.8097

Background



This preview shows how black text looks on a background with the YUV color 121.6070, 16.4627, 39.8097.



This preview shows how white text looks on a background with the YUV color 121.6070, 16.4627, 39.8097.

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

121.6070, 16.4627, 39.8097

Protanopia

118.4150, 27.4034, -16.1500

Deuteranopia

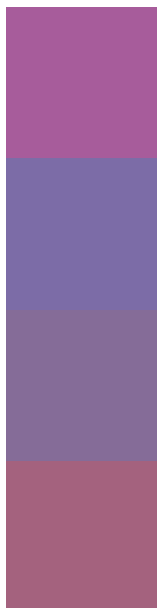
119.9790, 15.2934, -5.2436



Tritanopia

120.7380, -5.7868, 36.1868

Trichromacy



Original Color

121.6070, 16.4627, 39.8097

Protanomaly

119.5100, 23.4126, 3.9377

Deuteranomaly

120.4910, 15.5339, 10.9704

Tritanomaly

120.9260, 2.5015, 37.7759

Monochromacy



Original Color

121.6070, 16.4627, 39.8097

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.6950, 6.0664, 14.2995

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.6070, 16.4627, 39.8097 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(167, 92, 155)` looks like.

```
.text, #text, p{  
    color:rgb(167, 92, 155)  
}
```

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(167, 92, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 92, 155) }
```

Border

The CSS property to change the border of an element to YUV 121.6070, 16.4627, 39.8097 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(167, 92, 155) }
```


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

```
.border{ border-color:rgb(167, 92, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 92, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 92, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 92, 155);  
box-shadow:4px 4px 4px 4px rgb(167, 92,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 121.6070, 16.4627, 39.8097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 92, 155) }
```

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

```
.background{ background-color: rgb(167, 92,  
155) }
```

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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