

Converting Colors

YUV(127.7040, 19.3729,
39.7246)

Have a look what the booklet for
YUV(127.7040, 19.3729, 39.7246)
contains.

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Color

**YUV(127.7040, 19.3729,
39.7246)**

Conversions

Conversions Part 1

Format	Color
Hex	AD61A7
RGB	173, 97, 167
RGB Percent	68%, 38%, 65%
CMY	0.3216, 0.6196, 0.3451
CMYK	0.00, 0.44, 0.03, 0.32
HSL	305°, 32%, 53%
HSV	305°, 44%, 68%
XYZ	28.4833, 20.2236, 38.9615
YIQ	127.7040, 22.8260, 37.8820

Conversions

Conversions Part 2

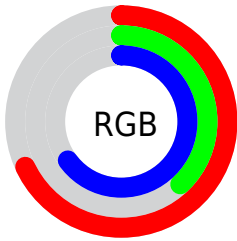
Format	Color
R_{YB}	173, 97, 167
Decimal	11362727
CIE _{Lab}	52.09, 41.11, -24.59
CIE _{LCh}	52, 47.904, 329.109
Yxy	20.2236, 0.3249, 0.2307
Android (android.graphics.Color)	4289552807 (0xFFAD61A7)
YUV	127.7040, 19.3729, 39.7246
Hunter-Lab	44.9707, 34.3587, -19.8879

Details

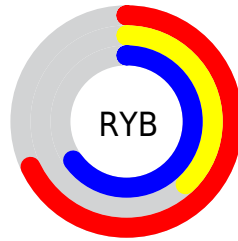
The YUV color **127.7040, 19.3729, 39.7246** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **142.2960, -19.3729, -39.7246**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.1280, 19.6569, 41.9837**, and **75.6930, 19.3784, 37.9802** is the 20% darker color. If you saturate the color by 10%, you get **117.6110, 23.8558, 48.5762**, and if you desaturate by 10%, it is **137.7970, 14.8901, 30.8730**.

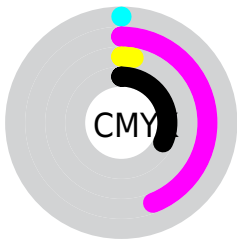
Distribution



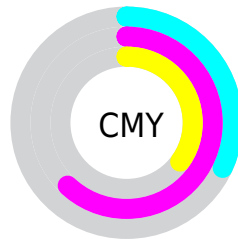
- Red (68%)
- Green (38%)
- Blue (65%)



- Red (68%)
- Yellow (38%)
- Blue (65%)



- Cyan (0%)
- Magenta (44%)
- Yellow (3%)
- Black (32%)





- Cyan (32%)
- Magenta (62%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.7040, 19.3729, 39.7246 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 127.7040, 19.3729, 39.7246 by changing the saturation by 10% instead.


 127.7040, 19.3729,
39.7246


 127.7040, 19.3729,
39.7246


255.0000, 0.0000,
0.0000


 101.8780, 18.7941,
38.6950


 182.1280, 19.6569,
41.9837

 75.6930, 19.3784,
37.9802


 208.7580, 20.8253,
40.5542


 49.8070, 19.8151,
37.8803

 225.6500, 14.4696,
25.7400

 27.5570, 18.9524,
34.5915

 242.6730, 6.0772,
10.8108

 18.4710, 12.5858,
23.2659

 4.3020, 8.7251,
1.4891

 0.0000, 0.0000,

0.0000

■ 127.7040, 19.3729,
39.7246

■ 127.7040, 19.3729,
39.7246

■ 117.6110, 23.8558,
48.5762

■ 137.7970, 14.8901,
30.8730

■ 106.8170, 28.1912,
58.0425

■ 148.5910, 10.5546,
21.4067

■ 96.7240, 32.6741,
66.8941

■ 158.6840, 6.0718,
12.5551

■ 86.6310, 37.1569,
75.7456

■ 168.7770, 1.5889,
3.7036

■ 76.4240, 41.2030,
84.6972

■ 179.5710, -2.7465,
-5.7628

■ 69.8530, 43.9495,
90.4599

■ 189.6640, -7.2294,
-14.6143

■ 199.8710,
-11.2754, -23.5659

■ 209.9640,
-15.7583, -32.4174

■ 220.6440,
-20.5305, -41.7838

Harmonies

Analogous

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



126.0390, 34.4908, -2.6652



127.7040, 19.3729, 39.7246



124.4500, 1.2572, 63.6264

Triad

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



127.7040, 19.3729, 39.7246



119.9700, -41.3972, 24.5823



103.1100, 29.5258, -90.4275

Complementary

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



127.7040, 19.3729, 39.7246



142.2960, -19.3729, -39.7246

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.



98.4360, 11.6171, -86.3284



127.7040, 19.3729, 39.7246



116.1230, -33.5846, -8.0009

Square

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



127.7040, 19.3729, 39.7246



121.8990, -33.4742, 50.0776



106.5380, -13.0832, -50.4608



103.7090, 44.5135, -90.9528

Rectangle

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



127.7040, 19.3729, 39.7246



123.4430, -11.5574, 67.1405



106.5380, -13.0832, -50.4608



101.6280, 23.8474, -89.1278

Sweetspot

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



127.7040, 19.3729, 39.7246



206.7490, 7.5187, 15.1291



107.1590, 32.4596, -4.5244



101.3200, 4.7722, 9.3664



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



127.7040, 19.3729, 39.7246



153.1210, 30.5063, 62.1609



123.4860, 3.2114, 43.4238



81.6030, 2.1677, 4.7332



60.6960, 38.6039, 78.3196



9.2710, 5.7824, 12.0403

Inverse Universe

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



127.7040, 19.3729, 39.7246



153.1210, 30.5063, 62.1609



146.5140, -3.2114, -43.4238



81.6030, 2.1677, 4.7332



60.6960, 38.6039, 78.3196



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 127.7040, 19.3729, 39.7246 looks on a white background.

Color Contrast Check

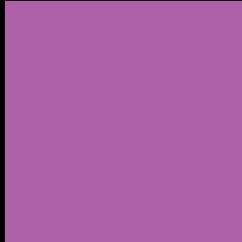
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.7040, 19.3729, 39.7246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

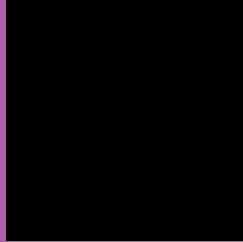
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.7040, 19.3729, 39.7246

Background



This preview shows how black text looks on a background with the YUV color 127.7040, 19.3729, 39.7246.



This preview shows how white text looks on a background with the YUV color 127.7040, 19.3729, 39.7246.

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

127.7040, 19.3729, 39.7246

Protanopia

124.0170, 31.0506, -19.3089

Deuteranopia

125.3530, 18.0670, -8.2026



Tritanopia

126.5530, -5.2026, 35.4720

Trichromacy



Original Color

127.7040, 19.3729, 39.7246



Protanomaly

125.7100, 26.7650, 2.0083



Deuteranomaly

126.5770, 18.4495, 9.1410



Tritanomaly

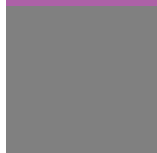
126.9690, 3.9593, 36.8612

Monochromacy



Original Color

127.7040, 19.3729, 39.7246



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

127.9230, 6.9400, 14.0995

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7040, 19.3729, 39.7246 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(173, 97, 167)` looks like.

```
.text, #text, p{  
    color:rgb(173, 97, 167)  
}
```

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(173, 97, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 97, 167) }
```

Border

The CSS property to change the border of an element to YUV 127.7040, 19.3729, 39.7246 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(173, 97, 167) }
```


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

```
.border{ border-color:rgb(173, 97, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 97, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 97, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 97, 167);  
box-shadow:4px 4px 4px 4px rgb(173, 97,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 127.7040, 19.3729, 39.7246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 97, 167) }
```

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

```
.background{ background-color: rgb(173, 97,  
167) }
```

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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