

Converting Colors

YUV(120.5630, 19.9354,
45.9872)

Have a look what the booklet for
YUV(120.5630, 19.9354, 45.9872)
contains.

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Color

**YUV(120.5630, 19.9354,
45.9872)**

Conversions

Conversions Part 1

Format	Color
Hex	AD56A1
RGB	173, 86, 161
RGB Percent	68%, 34%, 63%
CMY	0.3216, 0.6627, 0.3686
CMYK	0.00, 0.50, 0.07, 0.32
HSL	308°, 35%, 51%
HSV	308°, 50%, 68%
XYZ	26.9944, 18.1130, 35.7916
YIQ	120.5630, 27.7770, 41.7690

Conversions

Conversions Part 2

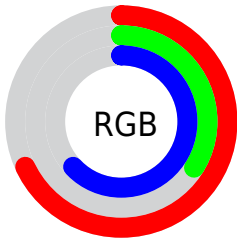
Format	Color
R_{YB}	173, 86, 161
Decimal	11359905
CIE _{Lab}	49.63, 45.76, -24.87
CIE _{LCh}	50, 52.082, 331.478
Yxy	18.1130, 0.3337, 0.2239
Android (android.graphics.Color)	4289549985 (0xFFAD56A1)
YUV	120.5630, 19.9354, 45.9872
Hunter-Lab	42.5594, 38.7393, -20.0701

Details

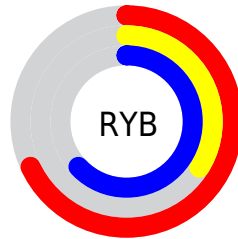
The YUV color **120.5630, 19.9354, 45.9872** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **138.4370, -19.9354, -45.9872**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9870, 20.2194, 48.2464**, and **67.0790, 20.6671, 44.6577** is the 20% darker color. If you saturate the color by 10%, you get **110.3560, 23.9815, 54.9388**, and if you desaturate by 10%, it is **130.7700, 15.8894, 37.0357**.

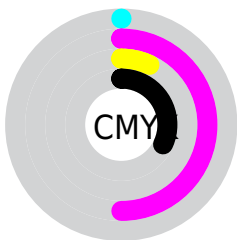
Distribution



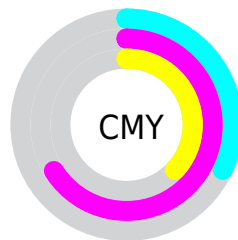
- Red (68%)
- Green (34%)
- Blue (63%)



- Red (68%)
- Yellow (34%)
- Blue (63%)



- Cyan (0%)
- Magenta (50%)
- Yellow (7%)
- Black (32%)



- Cyan (32%)
- Magenta (66%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.5630, 19.9354, 45.9872 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 120.5630, 19.9354, 45.9872 by changing the saturation by 10% instead.

120.5630, 19.9354,
45.9872

120.5630, 19.9354,
45.9872

255.0000, 0.0000,
0.0000

93.9650, 20.2303,
44.7577

174.9870, 20.2194,
48.2464

67.0790, 20.6671,
44.6577

201.6170, 21.3878,
46.8169

37.1980, 23.5664,
48.0614

219.1930, 17.6529,
31.4027

26.6880, 16.9158,
34.4766

236.2160, 9.2605,
16.4736

17.9010, 10.4018,
23.7658

253.2390, 0.8682,
1.5444

1.8240, 6.9888,
-1.5996

0.0000, 0.0000,

0.0000

■ 120.5630, 19.9354,
45.9872

■ 120.5630, 19.9354,
45.9872

■ 110.3560, 23.9815,
54.9388

■ 130.7700, 15.8894,
37.0357

■ 99.4480, 27.8801,
64.5051

■ 141.6780, 11.9907,
27.4694

■ 89.2410, 31.9262,
73.4566

■ 151.8850, 7.9447,
18.5179

■ 78.9200, 35.5354,
82.5082

■ 162.2060, 4.3354,
9.4663

■ 68.7130, 39.5815,
91.4597

■ 173.0000, 0.0000,
0.0000

■ 183.2070, -4.0461,
-8.9515

■ 193.5280, -7.6553,
-18.0031

■ 203.7350,
-11.7014, -26.9546

■ 214.5290,
-16.0368, -36.4209

Harmonies

Analogous

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



119.9300, 36.5165, 0.9384



120.5630, 19.9354, 45.9872



116.0810, 0.9461, 70.0890

Triad

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



120.5630, 19.9354, 45.9872



111.7650, -47.2121, 23.0081



99.5880, 31.2621, -87.3387

Complementary

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



120.5630, 19.9354, 45.9872



138.4370, -19.9354, -45.9872

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.



95.1590, 11.7536, -83.4544



120.5630, 19.9354, 45.9872



107.8190, -35.8998, -12.1193

Square

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



120.5630, 19.9354, 45.9872



114.7590, -37.8422, 51.0774



91.5570, -8.6556, -70.6485



100.3010, 46.6866, -87.9640

Rectangle

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



120.5630, 19.9354, 45.9872



115.0200, -13.3209, 72.7735



91.5570, -8.6556, -70.6485



98.5790, 24.8576, -86.4538

Sweetspot

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



120.5630, 19.9354, 45.9872



204.1730, 7.8027, 17.3883



99.5060, 36.2325, -1.3208



99.9180, 4.4774, 10.5959



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.



120.5630, 19.9354, 45.9872



143.2900, 30.9160, 70.7827



115.6610, 1.1531, 50.2863



81.6030, 2.1677, 4.7332



59.6700, 34.6727, 79.2194



9.1570, 5.3456, 12.1403

Inverse Universe

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



120.5630, 19.9354, 45.9872



143.2900, 30.9160, 70.7827



143.3390, -1.1531, -50.2863



81.6030, 2.1677, 4.7332



59.6700, 34.6727, 79.2194



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 120.5630, 19.9354, 45.9872 looks on a white background.

Color Contrast Check

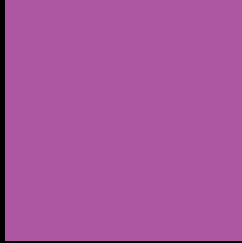
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.5630, 19.9354, 45.9872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

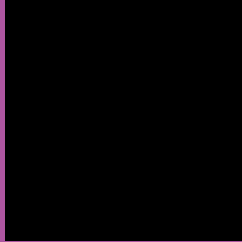
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.5630, 19.9354, 45.9872

Background



This preview shows how black text looks on a background with the YUV color 120.5630, 19.9354, 45.9872.



This preview shows how white text looks on a background with the YUV color 120.5630, 19.9354,

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

120.5630, 19.9354, 45.9872

Protanopia

116.9890, 33.5294, -21.0384

Deuteranopia

119.3530, 18.0670, -8.2026



Tritanopia

120.1300, -6.9661, 41.1050

Trichromacy



Original Color

120.5630, 19.9354, 45.9872

Protanomaly

118.1770, 28.5067, 3.3528

Deuteranomaly

120.0010, 18.7335, 11.4001

Tritanomaly

120.0730, 2.9220, 42.9090

Monochromacy



Original Color

120.5630, 19.9354, 45.9872

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7600, 7.5133, 16.8735

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5630, 19.9354, 45.9872 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, 86, 161)` looks like.

```
.text, #text, p{  
    color:rgb(173, 86, 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(173, 86, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 86, 161) }
```

Border

The CSS property to change the border of an element to YUV 120.5630, 19.9354, 45.9872 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, 86, 161) }
```


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

```
.border{ border-color:rgb(173, 86, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 86, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 86, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 86, 161);  
box-shadow:4px 4px 4px 4px rgb(173, 86,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 120.5630, 19.9354, 45.9872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 86, 161) }
```

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

```
.background{ background-color: rgb(173, 86,  
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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