

Converting Colors

YUV(126.9900, 45.8539,
39.4738)

Have a look what the booklet for
YUV(126.9900, 45.8539, 39.4738)
contains.

YUV(126.9900, 45.8539, 39.4738)	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(126.9900, 45.8539,
39.4738)**

Conversions

Conversions Part 1

Format	Color
Hex	AC56DC
RGB	172, 86, 220
RGB Percent	67%, 34%, 86%
CMY	0.3255, 0.6627, 0.1373
CMYK	0.22, 0.61, 0.00, 0.14
HSL	279°, 66%, 60%
HSV	279°, 61%, 86%
XYZ	33.2593, 20.5935, 69.9321
YIQ	126.9900, 8.2420, 59.9060

Conversions

Conversions Part 2

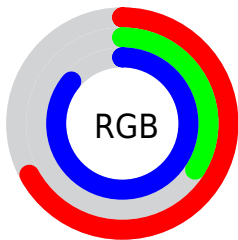
Format	Color
R_{YB}	172, 86, 220
Decimal	11294428
CIE _{Lab}	52.50, 57.07, -54.45
CIE _{LCh}	53, 78.882, 316.347
Yxy	20.5935, 0.2687, 0.1664
Android (android.graphics.Color)	4289484508 (0xFFAC56DC)
YUV	126.9900, 45.8539, 39.4738
Hunter-Lab	45.3801, 51.4084, -59.6016

Details

The YUV color **126.9900, 45.8539, 39.4738** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **179.0100, -45.8539, -39.4738**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0200, 36.9651, 43.8325**, and **70.9900, 45.8539, 39.4738** is the 20% darker color. If you saturate the color by 10%, you get **111.6840, 53.3998, 45.8811**, and if you desaturate by 10%, it is **142.2960, 38.3081, 33.0664**.

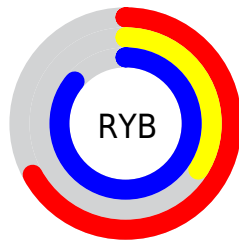
Distribution



Red (67%)

Green (34%)

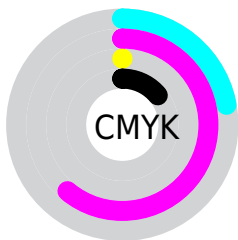
Blue (86%)



Red (67%)

Yellow (34%)

Blue (86%)

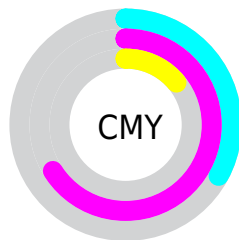


Cyan (22%)

Magenta (61%)

Yellow (0%)

Black (14%)



Cyan (33%)

Magenta (66%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.9900, 45.8539, 39.4738 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 126.9900, 45.8539, 39.4738 by changing the saturation by 10% instead.

■ 126.9900, 45.8539,
39.4738

■ 126.9900, 45.8539,
39.4738

255.0000, 0.0000,
0.0000

■ 99.5770, 45.5645,
38.9590

■ 180.0200, 36.9651,
43.8325

■ 70.9900, 45.8539,
39.4738

■ 203.9310, 25.1770,
44.7875

■ 41.9300, 46.8695,
40.4034

■ 220.3670, 17.0741,
30.3731

■ 30.5940, 39.6402,
25.7891

■ 236.8030, 8.9711,
15.9588

■ 19.6710, 32.7002,
11.6895

254.4130, 0.2894,
0.5148

■ 7.0680, 27.0815,
-6.1986

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 126.9900, 45.8539,
39.4738

■ 126.9900, 45.8539,
39.4738

■ 111.6840, 53.3998,
45.8811

■ 142.2960, 38.3081,
33.0664

■ 96.3780, 60.9456,
52.2885

■ 157.6020, 30.7622,
26.6590

■ 81.0720, 68.4915,
58.6959

■ 172.9080, 23.2164,
20.2517

■ 67.2390, 75.3112,
64.6884

■ 188.2140, 15.6705,
13.8443

■ 203.2210, 8.2720,
6.8222

■ 218.5270, 0.7262,
0.4148

■ 233.8330, -6.8197,
-5.9925

■ 245.0300,
-12.3398, -8.7963

■ 247.4220,
-13.5190, -3.8781

Harmonies

Analogous

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



100.0970, 76.3672, -87.7851



126.9900, 45.8539, 39.4738



110.3650, 23.9771, 103.1659

Triad

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



126.9900, 45.8539, 39.4738



118.0800, -58.2134, 51.6728



108.8660, 26.1951, -95.4755

Complementary

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



126.9900, 45.8539, 39.4738



179.0100, -45.8539, -39.4738

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.



99.5980, -4.2388, -87.3474



126.9900, 45.8539, 39.4738



113.9400, -56.1724, 3.5606

Square

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



126.9900, 45.8539, 39.4738



113.3130, -44.5243, 94.4415



86.0440, -40.9407, -75.4606



114.6460, 53.4185, -100.5445

Rectangle

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



126.9900, 45.8539, 39.4738



99.1430, 7.3245, 124.4086



86.0440, -40.9407, -75.4606



106.1300, 15.7119, -93.0760

Sweetspot

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



126.9900, 45.8539, 39.4738



223.2140, 15.6705, 13.8443



130.0390, 44.3508, -38.6222



107.6880, 10.0138, 8.1666



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



126.9900, 45.8539, 39.4738



125.7850, 63.7030, 54.5626



139.2900, 30.9160, 70.7827



102.3470, 3.7729, 3.2037



52.9110, 59.2039, 50.9441



13.9150, 15.8179, 13.2295

Inverse Universe

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



131.5380, 1.2138, 77.5812



132.2520, 1.8478, 107.6500



166.7100, -30.9160, -70.7827



102.7450, 0.1257, 6.3626



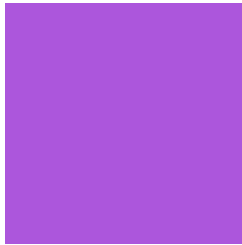
58.7950, 1.5801, 100.1578



15.5780, 0.2080, 26.6801

Previews

White Background



This preview shows how the YUV color 126.9900, 45.8539, 39.4738 looks on a white background.

Color Contrast Check

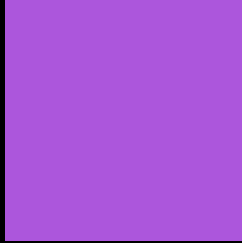
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.9900, 45.8539, 39.4738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

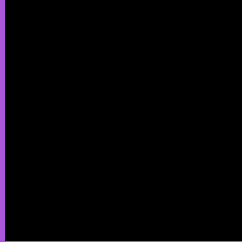
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.9900, 45.8539, 39.4738

Background



This preview shows how black text looks on a background with the YUV color 126.9900, 45.8539, 39.4738.



This preview shows how white text looks on a background with the YUV color 126.9900, 45.8539, 39.4738.

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

126.9900, 45.8539, 39.4738

Protanopia

107.2730, 72.8294, -73.0304

Deuteranopia

117.8530, 46.4145, -47.2291



Tritanopia

127.4700, -2.6967, 25.0208

Trichromacy



Original Color

126.9900, 45.8539, 39.4738



Protanomaly

114.3060, 62.9531, -31.8404



Deuteranomaly

121.0510, 46.3169, -15.8307



Tritanomaly

127.4980, 15.0375, 30.2583

Monochromacy



Original Color

126.9900, 45.8539, 39.4738



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.8550, 16.8335, 14.1592

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9900, 45.8539, 39.4738 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(172, 86, 220)` looks like.

```
.text, #text, p{  
    color:rgb(172, 86, 220)  
}
```

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(172, 86, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 86, 220) }
```

Border

The CSS property to change the border of an element to YUV 126.9900, 45.8539, 39.4738 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(172, 86, 220) }
```


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

```
.border{ border-color:rgb(172, 86, 220) }
```

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

Here you see how a box with a 4 pixel rgb(172, 86, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 86, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 86, 220);  
box-shadow:4px 4px 4px 4px rgb(172, 86,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 126.9900, 45.8539, 39.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 86, 220) }
```

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

```
.background{ background-color: rgb(172, 86,  
220) }
```

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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