

Converting Colors

YUV(128.7670, 27.2299,
39.6693)

Have a look what the booklet for
YUV(128.7670, 27.2299, 39.6693)
contains.

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Color

**YUV(128.7670, 27.2299,
39.6693)**

Conversions

Conversions Part 1

Format	Color
Hex	AE5FB8
RGB	174, 95, 184
RGB Percent	68%, 37%, 72%
CMY	0.3176, 0.6275, 0.2784
CMYK	0.05, 0.48, 0.00, 0.28
HSL	293°, 39%, 55%
HSV	293°, 48%, 72%
XYZ	30.1995, 20.6438, 47.7404
YIQ	128.7670, 18.5150, 44.4270

Conversions

Conversions Part 2

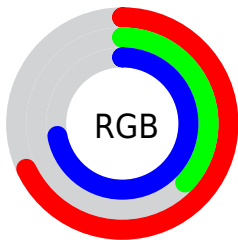
Format	Color
RYB	174, 95, 184
Decimal	11427768
CIELab	52.56, 45.68, -33.74
CIELCh	53, 56.787, 323.551
Yxy	20.6438, 0.3063, 0.2094
Android (android.graphics.Color)	4289617848 (0xFFAE5FB8)
YUV	128.7670, 27.2299, 39.6693
Hunter-Lab	45.4354, 39.1313, -30.4930

Details

The YUV color **128.7670, 27.2299, 39.6693** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **150.2330, -27.2299, -39.6693**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3050, 27.9506, 41.8285**, and **75.7560, 27.2353, 37.9250** is the 20% darker color. If you saturate the color by 10%, you get **117.6030, 32.7337, 47.7062**, and if you desaturate by 10%, it is **139.9310, 21.7260, 31.6325**.

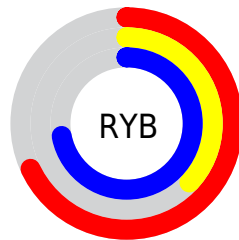
Distribution



Red (68%)

Green (37%)

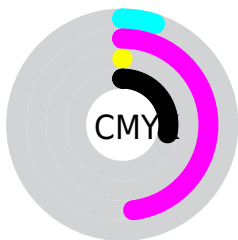
Blue (72%)



Red (68%)

Yellow (37%)

Blue (72%)

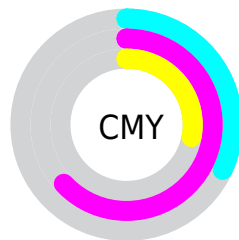


Cyan (5%)

Magenta (48%)

Yellow (0%)

Black (28%)



Cyan (32%)


Magenta (63%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.7670, 27.2299, 39.6693 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 128.7670, 27.2299, 39.6693 by changing the saturation by 10% instead.


 128.7670, 27.2299,
39.6693


 128.7670, 27.2299,
39.6693


255.0000, 0.0000,
0.0000

 102.0550, 27.0879,
38.5398


 183.3050, 27.9506,
41.8285


 75.7560, 27.2353,
37.9250


 208.0400, 23.1513,
41.1839


 47.9950, 28.1035,
39.4694

 224.4760, 15.0483,
26.7695

 29.1530, 25.0676,
33.1918

 241.4990, 6.6560,
11.8404

 19.6540, 18.4116,
21.3514

 6.9800, 13.8139,
2.6485

 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 128.7670, 27.2299,
39.6693

■ 128.7670, 27.2299,
39.6693

■ 117.6030, 32.7337,
47.7062

■ 139.9310, 21.7260,
31.6325

■ 105.8520, 38.5270,
56.2578

■ 151.6820, 15.9328,
23.0809

■ 94.6880, 44.0308,
64.2946

■ 162.8460, 10.4289,
15.0441

■ 82.9370, 49.8241,
72.8463

■ 174.5970, 4.6357,
6.4924

■ 71.7730, 55.3279,
80.8831

■ 185.7610, -0.8682,
-1.5444

69.7130, 56.3435,
81.8127

196.9250, -6.3720,
-9.5812

208.6760,
-12.1653, -18.1329

220.1390,
-17.8165, -25.5549

228.3680,
-21.8734, -31.0177

Harmonies

Analogous

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



124.5840, 44.5751, -17.1752



128.7670, 27.2299, 39.6693



123.4110, 7.1924, 73.3076

Triad

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



128.7670, 27.2299, 39.6693



118.6480, -53.0705, 35.3887



105.4580, 28.3682, -92.4867

Complementary

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



128.7670, 27.2299, 39.6693



150.2330, -27.2299, -39.6693

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.



99.7580, 6.5283, -87.4878



128.7670, 27.2299, 39.6693



114.6540, -45.6784, -2.3276

Square

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



128.7670, 27.2299, 39.6693



121.7650, -36.8591, 62.4731



104.6920, -20.0612, -52.3499



107.6700, 46.9977, -94.4266

Rectangle

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



128.7670, 27.2299, 39.6693



121.4430, -8.1064, 80.2955



104.6920, -20.0612, -52.3499



103.6340, 21.3794, -90.8870

Sweetspot

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



128.7670, 27.2299, 39.6693



217.6720, 11.0077, 16.0737



111.0160, 35.9811, -14.0460



106.1890, 6.8088, 9.4812



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



128.7670, 27.2299, 39.6693



153.6230, 42.5839, 61.7206



127.8810, 10.9047, 49.2164



86.4180, 2.7519, 4.0184



59.0460, 47.7983, 69.2427



10.6670, 8.5452, 12.5700

Inverse Universe

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



122.7510, -8.7512, 53.7154



144.2710, -13.9376, 83.9543



151.1190, -10.9047, -49.2164



85.8050, -0.8899, 5.4330



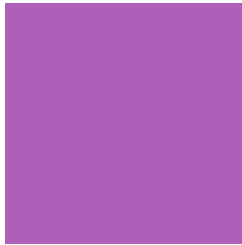
48.5820, -15.5699, 94.2056



8.7140, -2.8170, 16.9138

Previews

White Background



This preview shows how the YUV color 128.7670, 27.2299, 39.6693 looks on a white background.

Color Contrast Check

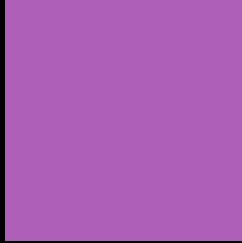
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.7670, 27.2299, 39.6693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

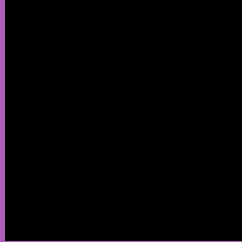
Any Text WCAG AA ✓ Pass

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 128.7670, 27.2299, 39.6693 Background



This preview shows how black text looks on a background with the YUV color 128.7670, 27.2299, 39.6693.



This preview shows how white text looks on a background with the YUV color 128.7670, 27.2299,

39.6693.

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

128.7670, 27.2299, 39.6693

Protanopia

123.1220, 41.8449, -28.1710

Deuteranopia

125.4750, 26.3878, -17.0796



Tritanopia

127.4710, -4.1762, 32.9129

Trichromacy



Original Color

128.7670, 27.2299, 39.6693



Protanomaly

125.1960, 36.3854, -3.6799



Deuteranomaly

126.7210, 26.7595, 3.7527



Tritanomaly

128.1690, 7.3117, 34.9318

Monochromacy



Original Color

128.7670, 27.2299, 39.6693



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

129.0200, 9.8501, 14.0145

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.7670, 27.2299, 39.6693 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(174, 95, 184)` looks like.

```
.text, #text, p{  
    color:rgb(174, 95, 184)  
}
```

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(174, 95, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 95, 184) }
```

Border

The CSS property to change the border of an element to YUV 128.7670, 27.2299, 39.6693 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(174, 95, 184) }
```


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

```
.border{ border-color:rgb(174, 95, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 95, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 95, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 95, 184);  
box-shadow:4px 4px 4px 4px rgb(174, 95,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 128.7670, 27.2299, 39.6693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 95, 184) }
```

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

```
.background{ background-color: rgb(174, 95,  
184) }
```

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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