

Converting Colors

YUV(167.0900, 27.0706,
-2.7099)

Have a look what the booklet for
YUV(167.0900, 27.0706, -2.7099)
contains.

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Color

**YUV(167.0900, 27.0706,
-2.7099)**

Conversions

Conversions Part 1

Format	Color
Hex	A49EDE
RGB	164, 158, 222
RGB Percent	64%, 62%, 87%
CMY	0.3569, 0.3804, 0.1294
CMYK	0.26, 0.29, 0.00, 0.13
HSL	246°, 49%, 75%
HSV	246°, 29%, 87%
XYZ	40.7215, 37.6202, 74.2224
YIQ	167.0900, -16.9680, 21.1760

Conversions

Conversions Part 2

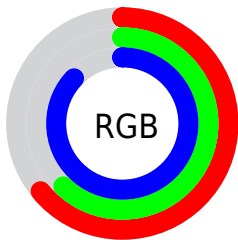
Format	Color
RYB	164, 158, 222
Decimal	10788574
CIELab	67.74, 15.99, -31.64
CIELCh	68, 35.448, 296.807
Yxy	37.6202, 0.2669, 0.2466
Android (android.graphics.Color)	4288978654 (0xFFA49EDE)
YUV	167.0900, 27.0706, -2.7099
Hunter-Lab	61.3353, 11.1724, -28.8127

Details

The YUV color **167.0900, 27.0706, -2.7099** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **212.9100, -27.0706, 2.7099**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8810, 17.3137, 0.1044**, and **115.0360, 25.6183, -3.5396** is the 20% darker color. If you saturate the color by 10%, you get **148.1960, 36.3854, -3.6799**, and if you desaturate by 10%, it is **185.9840, 17.7559, -1.7400**.

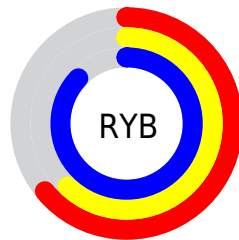
Distribution



Red (64%)

Green (62%)

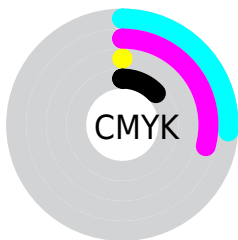
Blue (87%)



Red (64%)

Yellow (62%)

Blue (87%)

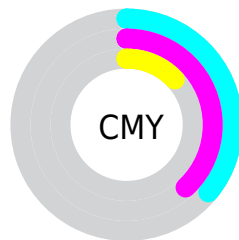


Cyan (26%)

Magenta (29%)

Yellow (0%)

Black (13%)



Cyan (36%)

Magenta (38%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.0900, 27.0706, -2.7099 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 167.0900, 27.0706, -2.7099 by changing the saturation by 10% instead.

■ 167.0900, 27.0706,
-2.7099

■ 167.0900, 27.0706,
-2.7099

255.0000, 0.0000,
0.0000

■ 140.5630, 26.3444,
-3.1248

■ 219.8810, 17.3137,
0.1044

■ 115.0360, 25.6183,
-3.5396

■ 244.9880, 4.9359,
3.5185

■ 90.0960, 24.6027,
-4.4692

■ 66.1560, 23.5871,
-5.3988

■ 42.9170, 22.7189,
-6.9432

■ 19.8840, 22.7352,
-12.1763

■ 4.9020, 18.7823,

-4.2991

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 167.0900, 27.0706,
-2.7099

■ 167.0900, 27.0706,
-2.7099

■ 148.1960, 36.3854,
-3.6799

■ 185.9840, 17.7559,
-1.7400

■ 129.3020, 45.7001,
-4.6499

■ 204.8780, 8.4411,
-0.7700

■ 109.8210, 55.3042,
-5.1050

■ 224.3590, -1.1630,
-0.3148

■ 90.9270, 64.6190,
-6.0750

■ 243.2530,
-10.4777, 0.6551

■ 71.7340, 74.0811,
-7.6597

■ 251.2380,
-14.4143, 3.2993

■ 52.8400, 83.3959,
-8.6297

■ 33.9460, 92.7106,
-9.5996

■ 31.5870, 93.8736,
-9.2848

Harmonies

Analogous

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



159.2810, 33.8785, -39.7114



167.0900, 27.0706, -2.7099



169.4870, 15.0429, 28.5139

Triad

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



167.0900, 27.0706, -2.7099



165.5050, -25.8850, 42.5301



148.3960, 5.7208, -61.7373

Complementary

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



167.0900, 27.0706, -2.7099



212.9100, -27.0706, 2.7099

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.



155.3600, -12.9955, -31.8877



167.0900, 27.0706, -2.7099



163.1190, -30.6247, 22.6976

Square

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



167.0900, 27.0706, -2.7099



166.9590, -14.2768, 52.6560



160.1050, -26.1808, -2.7231



141.0950, 25.5892, -87.7833

Rectangle

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



167.0900, 27.0706, -2.7099



169.4690, 5.6848, 43.4387



160.1050, -26.1808, -2.7231



150.7410, -0.8583, -51.5159

Sweetspot

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



167.0900, 27.0706, -2.7099



235.2200, 9.7515, -1.0699



199.9290, 10.8810, -36.7717



115.3080, 6.2572, -0.2701



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.



167.0900, 27.0706, -2.7099



178.5380, 37.6958, -3.9798



176.3590, 22.5010, 16.3482



102.5530, 4.6574, -0.4850



24.8480, 74.5179, -7.7597



6.9670, 20.2293, -1.7251

Inverse Universe

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



183.7480, 15.9002, 33.5470



201.8450, 22.2614, 46.6169



203.6410, -22.5010, -16.3482



105.4290, 2.7465, 5.7628



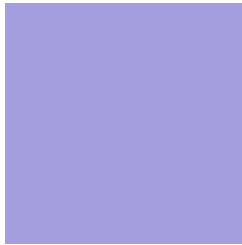
70.7500, 43.5072, 92.3042



19.3680, 12.1436, 25.1103

Previews

White Background



This preview shows how the YUV color 167.0900, 27.0706, -2.7099 looks on a white background.

Color Contrast Check

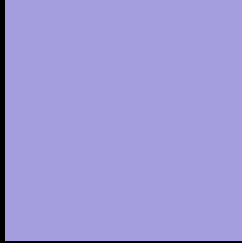
Large Text (above 18pt) WCAG AA × Fail

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 167.0900, 27.0706, -2.7099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

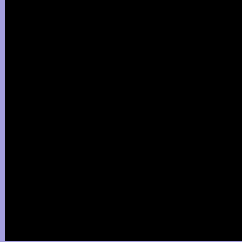
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.0900, 27.0706, -2.7099

Background



This preview shows how black text looks on a background with the YUV color 167.0900, 27.0706, -2.7099.



This preview shows how white text looks on a background with the YUV color 167.0900, 27.0706, -2.7099.

-2.7099.

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

167.0900, 27.0706, -2.7099

Protanopia

165.0990, 30.0242, -16.7498

Deuteranopia

165.7250, 27.2506, -13.7908



Tritanopia

164.4920, 7.1524, -7.4475

Trichromacy



Original Color

167.0900, 27.0706, -2.7099

Protanomaly

165.9040, 29.1343, -11.3168

Deuteranomaly

166.0460, 27.0923, -9.6873

Tritanomaly

165.4520, 14.5672, -5.6584

Monochromacy



Original Color

167.0900, 27.0706, -2.7099

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.2200, 9.7515, -1.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.0900, 27.0706, -2.7099 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(164, 158, 222)` looks like.

```
.text, #text, p{  
    color:rgb(164, 158, 222)  
}
```

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(164, 158, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 158, 222) }
```

Border

The CSS property to change the border of an element to YUV 167.0900, 27.0706, -2.7099 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(164, 158, 222) }
```


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

```
.border{ border-color:rgb(164, 158, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 158, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 158, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 158, 222); box-shadow:4px 4px 4px 4px rgb(164, 158, 222) }
```

Background

The CSS property to change the background color of an element to YUV 167.0900, 27.0706, -2.7099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 158, 222) }
```

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

```
.background{ background-color: rgb(164,  
158, 222) }
```

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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