

Converting Colors

YUV(190.6670, 28.7582,
16.0780)

Have a look what the booklet for
YUV(190.6670, 28.7582, 16.0780)
contains.

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Color

**YUV(190.6670, 28.7582,
16.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	D1AAF9
RGB	209, 170, 249
RGB Percent	82%, 67%, 98%
CMY	0.1804, 0.3333, 0.0235
CMYK	0.16, 0.32, 0.00, 0.02
HSL	270°, 87%, 82%
HSV	270°, 32%, 98%
XYZ	57.7681, 49.1443, 96.0636
YIQ	190.6670, -2.1150, 32.8370

Conversions

Conversions Part 2

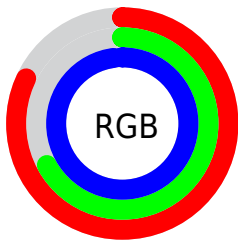
Format	Color
R _Y B	209, 170, 249
Decimal	13740793
CIE Lab	75.54, 28.96, -33.99
CIE LCh	76, 44.655, 310.429
Yxy	49.1443, 0.2846, 0.2421
Android (android.graphics.Color)	4291930873 (0xFFD1AAF9)
YUV	190.6670, 28.7582, 16.0780
Hunter-Lab	70.1030, 24.4120, -32.1742

Details

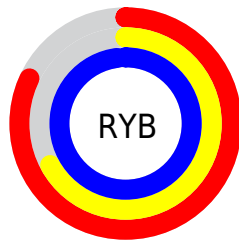
The YUV color **190.6670, 28.7582, 16.0780** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **228.3330, -28.7582, -16.0780**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9770, 8.3923, 14.9292**, and **136.6130, 27.3058, 15.2484** is the 20% darker color. If you saturate the color by 10%, you get **172.1050, 37.9092, 20.9559**, and if you desaturate by 10%, it is **209.2290, 19.6071, 11.2002**.

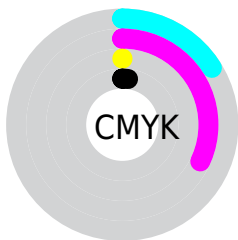
Distribution



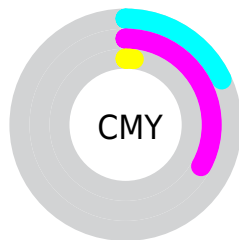
- Red (82%)
- Green (67%)
- Blue (98%)



- Red (82%)
- Yellow (67%)
- Blue (98%)



- Cyan (16%)
- Magenta (32%)
- Yellow (0%)
- Black (2%)




- Cyan (18%)
- Magenta (33%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 190.6670, 28.7582, 16.0780 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 190.6670, 28.7582, 16.0780 by changing the saturation by 10% instead.


 190.6670, 28.7582,
16.0780

 190.6670, 28.7582,
16.0780


255.0000, 0.0000,
0.0000


 163.1400, 28.0320,
15.6632


 237.9770, 8.3923,
14.9292


 136.6130, 27.3058,
15.2484

254.4130, 0.2894,
0.5148

 110.7870, 26.7270,
14.2188

 85.8470, 25.7114,
13.2892

 61.7220, 25.2801,
11.6448

 38.7820, 24.2645,
10.7152

 15.9560, 23.6857,

9.6856

■ 4.6740, 17.9087,
-4.0991

■ 2.7530, 8.0098,
-2.4144

■ 190.6670, 28.7582,
16.0780

■ 190.6670, 28.7582,
16.0780

■ 172.1050, 37.9092,
20.9559

■ 209.2290, 19.6071,
11.2002

■ 153.8420, 46.9129,
26.4486

■ 227.4920, 10.6034,
5.7075

■ 135.2800, 56.0640,
31.3264

■ 246.0540, 1.4524,
0.8296

■ 117.0170, 65.0676,
36.8191

■ 254.3160, -2.6208,
0.5999

■ 98.4550, 74.2187,
41.6970

■ 80.4800, 83.0804,
46.0600

■ 65.1630, 90.6316,
50.7230

Harmonies

Analogous

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



181.9170, 36.0299, -29.7452



190.6670, 28.7582, 16.0780



191.1200, 11.7728, 50.7608

Triad

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



190.6670, 28.7582, 16.0780



184.8290, -37.3837, 44.0000



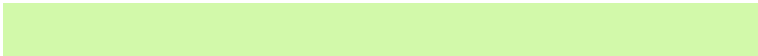
144.8960, 27.1663, -127.0738

Complementary

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



190.6670, 28.7582, 16.0780



228.3330, -28.7582, -16.0780

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.



168.4210, -5.6306, -60.8822



190.6670, 28.7582, 16.0780



181.3000, -38.6019, 14.6459

Square

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



190.6670, 28.7582, 16.0780



186.1420, -25.2130, 60.3885



176.4680, -26.8527, -20.5814



147.4670, 44.6328, -129.3286

Rectangle

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



190.6670, 28.7582, 16.0780



187.3740, -0.1844, 59.3080



176.4680, -26.8527, -20.5814



158.1360, 13.2440, -94.8353

Sweetspot

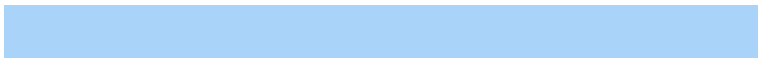
The Sweet Spot groups the original color and five complimentary colors.



190.6670, 28.7582, 16.0780



236.4380, 9.1511, 4.8779



203.0730, 22.6420, -29.0050



116.2160, 5.8095, 3.3186



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.



190.6670, 28.7582, 16.0780



183.4100, 35.2939, 19.8114



202.3280, 23.0093, 40.0543



115.5750, 4.6465, 3.0037



49.3530, 68.8460, 38.2784



15.9240, 22.2225, 12.3447

Inverse Universe

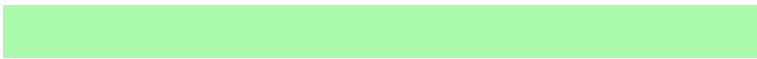
The Inverse Universe completely reimagines the original color for something new.



198.1810, 5.8268, 44.5683



192.5890, 7.1046, 54.7344



216.6720, -23.0093, -40.0543



116.6850, 1.1413, 7.2923



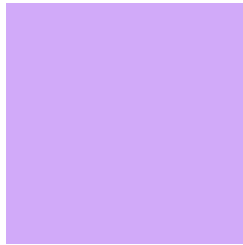
67.4550, 14.0727, 106.5950



21.7730, 4.5489, 34.4021

Previews

White Background



This preview shows how the YUV color 190.6670, 28.7582, 16.0780 looks on a white background.

Color Contrast Check

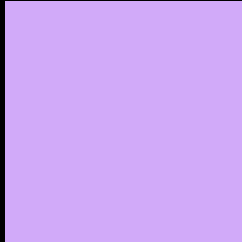
Large Text (above 18pt) WCAG AA × Fail

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 190.6670, 28.7582, 16.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

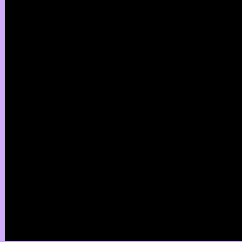
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.6670, 28.7582, 16.0780

Background



This preview shows how black text looks on a background with the YUV color 190.6670, 28.7582, 16.0780.



This preview shows how white text looks on a background with the YUV color 190.6670, 28.7582, 16.0780.

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

190.6670, 28.7582, 16.0780

Protanopia

186.4130, 33.8134, -18.7792

Deuteranopia

186.5940, 29.2872, -13.6759



Tritanopia

188.2770, 3.3144, 10.2811

Trichromacy



Original Color

190.6670, 28.7582, 16.0780

Protanomaly

188.0340, 32.0282, -6.1688

Deuteranomaly

187.9590, 29.1072, -2.5950

Tritanomaly

189.1060, 12.7657, 12.1850

Monochromacy



Original Color

190.6670, 28.7582, 16.0780

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.7910, 10.4560, 6.3223

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.6670, 28.7582, 16.0780 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(209, 170, 249)` looks like.

```
.text, #text, p{  
    color:rgb(209, 170, 249)  
}
```

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(209, 170, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 170, 249) }
```

Border

The CSS property to change the border of an element to YUV 190.6670, 28.7582, 16.0780 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(209, 170, 249) }
```


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

```
.border{ border-color:rgb(209, 170, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 170, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 170, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 170, 249);  
box-shadow:4px 4px 4px 4px rgb(209, 170,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 190.6670, 28.7582, 16.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 170, 249) }
```

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

```
.background{ background-color: rgb(209,  
170, 249) }
```

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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