

Converting Colors

YUV(175.8750, 26.6836,
28.1736)

Have a look what the booklet for
YUV(175.8750, 26.6836, 28.1736)
contains.

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Color

**YUV(175.8750, 26.6836,
28.1736)**

Conversions

Conversions Part 1

Format	Color
Hex	D095E6
RGB	208, 149, 230
RGB Percent	82%, 58%, 90%
CMY	0.1843, 0.4157, 0.0980
CMYK	0.10, 0.35, 0.00, 0.10
HSL	284°, 62%, 74%
HSV	284°, 35%, 90%
XYZ	51.0428, 40.6180, 80.0127
YIQ	175.8750, 9.1630, 37.6990

Conversions

Conversions Part 2

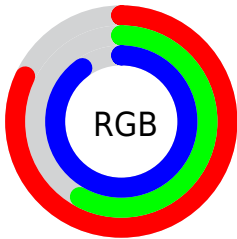
Format	Color
R _Y B	208, 149, 230
Decimal	13669862
CIE Lab	69.91, 36.12, -32.36
CIE LCh	70, 48.501, 318.142
Yxy	40.6180, 0.2973, 0.2366
Android (android.graphics.Color)	4291859942 (0xFFD095E6)
YUV	175.8750, 26.6836, 28.1736
Hunter-Lab	63.7322, 31.4283, -29.8232

Details

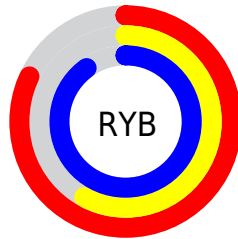
The YUV color **175.8750, 26.6836, 28.1736** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **203.1250, -26.6836, -28.1736**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.0630, 14.7589, 26.2547**, and **122.2230, 25.5261, 26.1144** is the 20% darker color. If you saturate the color by 10%, you get **160.5800, 34.2241, 36.3253**, and if you desaturate by 10%, it is **191.1700, 19.1432, 20.0219**.

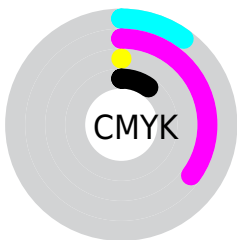
Distribution



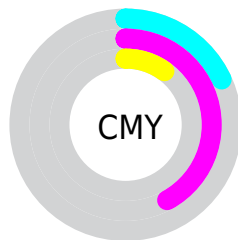
- Red (82%)
- Green (58%)
- Blue (90%)



- Red (82%)
- Yellow (58%)
- Blue (90%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (10%)





- Cyan (18%)
- Magenta (42%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 175.8750, 26.6836, 28.1736 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 175.8750, 26.6836, 28.1736 by changing the saturation by 10% instead.


 175.8750, 26.6836,
28.1736


 175.8750, 26.6836,
28.1736


255.0000, 0.0000,
0.0000


 149.0490, 26.1048,
27.1440


 225.0630, 14.7589,
26.2547


 122.2230, 25.5261,
26.1144

 241.4990, 6.6560,
11.8404

 96.6960, 24.7999,
25.6996

 71.8700, 24.2211,
24.6700

 47.1580, 24.0791,
23.5404

 23.1580, 24.0791,
23.5404

 14.8550, 16.8335,

14.1592

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 175.8750, 26.6836,
28.1736

■ 175.8750, 26.6836,
28.1736

■ 160.5800, 34.2241,
36.3253

■ 191.1700, 19.1432,
20.0219

■ 145.2850, 41.7645,
44.4771

■ 206.4650, 11.6028,
11.8702

■ 129.6910, 49.4523,
52.0140

■ 222.0590, 3.9149,
4.3333

■ 114.3960, 56.9928,
60.1657

■ 237.3540, -3.6255,
-3.8185

99.1010, 64.5332,
68.3174

247.3660, -8.5614,
-7.3370

83.8060, 72.0736,
76.4691

249.1600, -9.4459,
-3.6483

76.4520, 75.6992,
80.2876

251.2530,
-10.4777, 0.6551

252.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



170.0520, 41.3864, -21.0936



175.8750, 26.6836, 28.1736



174.4480, 7.6671, 60.9971

Triad

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



175.8750, 26.6836, 28.1736



167.9440, -41.8774, 38.6371



135.7490, 30.1967, -119.0519

Complementary

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



175.8750, 26.6836, 28.1736



203.1250, -26.6836, -28.1736

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.



143.0740, 3.9075, -86.8879



175.8750, 26.6836, 28.1736



164.6040, -39.7378, 5.6093

Square

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



175.8750, 26.6836, 28.1736



170.2580, -31.1862, 62.9177



158.4880, -23.9046, -32.8770



138.3200, 47.6632, -121.3066

Rectangle

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



175.8750, 26.6836, 28.1736



172.8440, -6.3321, 71.1738



158.4880, -23.9046, -32.8770



134.0390, 23.6448, -117.5522

Sweetspot

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



175.8750, 26.6836, 28.1736



236.1720, 9.2822, 9.4962



171.7350, 28.7246, -19.9386



116.5260, 5.6567, 5.6777



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.



175.8750, 26.6836, 28.1736



183.5200, 35.2396, 37.2550



180.4010, 15.5783, 43.4983



107.0590, 3.9149, 4.3333



59.2760, 59.0239, 62.0249



16.8770, 16.8226, 17.6479

Inverse Universe

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



175.7270, -2.3304, 47.5974



183.2990, -3.1054, 62.8818



198.5990, -15.5783, -43.4983



106.9300, -0.4585, 7.0774



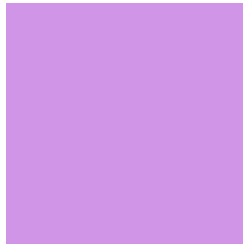
58.9930, -5.4195, 105.2461



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 175.8750, 26.6836, 28.1736 looks on a white background.

Color Contrast Check

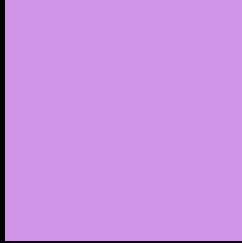
Large Text (above 18pt) WCAG AA × Fail

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 175.8750, 26.6836, 28.1736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

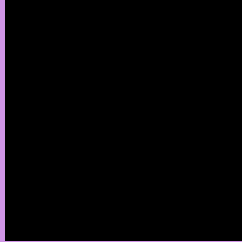
Any Text WCAG AA ✓ Pass

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 175.8750, 26.6836, 28.1736 Background



This preview shows how black text looks on a background with the YUV color 175.8750, 26.6836, 28.1736.



This preview shows how white text looks on a background with the YUV color 175.8750, 26.6836, 28.1736.

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

175.8750, 26.6836, 28.1736

Protanopia

171.0860, 36.4396, -21.1234

Deuteranopia

171.6220, 26.8084, -11.9465



Tritanopia

174.0290, -0.5073, 22.7766

Trichromacy



Original Color

175.8750, 26.6836, 28.1736



Protanomaly

172.9850, 33.0384, -3.4948



Deuteranomaly

173.0090, 26.6176, 2.6231



Tritanomaly

174.9720, 9.3808, 24.5806

Monochromacy



Original Color

175.8750, 26.6836, 28.1736



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.9980, 9.8610, 10.5258

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8750, 26.6836, 28.1736 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(208, 149, 230)` looks like.

```
.text, #text, p{  
    color:rgb(208, 149, 230)  
}
```

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(208, 149, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 149, 230) }
```

Border

The CSS property to change the border of an element to YUV 175.8750, 26.6836, 28.1736 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(208, 149, 230) }
```


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

```
.border{ border-color:rgb(208, 149, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 149, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 149, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 149, 230);  
box-shadow:4px 4px 4px 4px rgb(208, 149,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 175.8750, 26.6836, 28.1736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 149, 230) }
```

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

```
.background{ background-color: rgb(208,  
149, 230) }
```

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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