

Converting Colors

YUV(129.8090, 26.7162,
17.7075)

Have a look what the booklet for
YUV(129.8090, 26.7162, 17.7075)
contains.

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Color

**YUV(129.8090, 26.7162,
17.7075)**

Conversions

Conversions Part 1

Format	Color
Hex	966DB8
RGB	150, 109, 184
RGB Percent	59%, 43%, 72%
CMY	0.4118, 0.5725, 0.2784
CMYK	0.18, 0.41, 0.00, 0.28
HSL	273°, 35%, 57%
HSV	273°, 41%, 72%
XYZ	26.6980, 20.8820, 47.9709
YIQ	129.8090, 0.3610, 32.0170

Conversions

Conversions Part 2

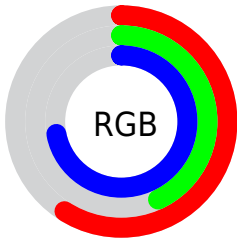
Format	Color
R _Y B	150, 109, 184
Decimal	9858488
CIE Lab	52.82, 30.82, -33.53
CIE LCh	53, 45.539, 312.586
Yxy	20.8820, 0.2794, 0.2185
Android (android.graphics.Color)	4288048568 (0xFF966DB8)
YUV	129.8090, 26.7162, 17.7075
Hunter-Lab	45.6968, 24.3179, -30.2527

Details

The YUV color **129.8090, 26.7162, 17.7075** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **163.1910, -26.7162, -17.7075**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.1620, 28.0211, 19.1519**, and **79.1570, 25.5586, 15.6483** is the 20% darker color. If you saturate the color by 10%, you get **116.8510, 33.1045, 22.0557**, and if you desaturate by 10%, it is **142.7670, 20.3279, 13.3593**.

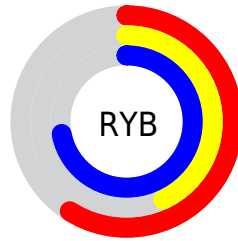
Distribution



Red (59%)

Green (43%)

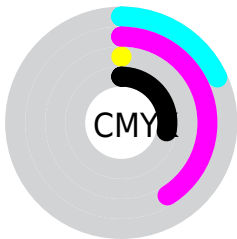
Blue (72%)



Red (59%)

Yellow (43%)

Blue (72%)

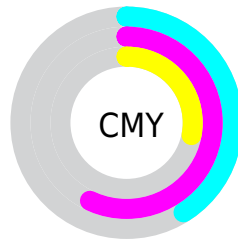


Cyan (18%)

Magenta (41%)

Yellow (0%)

Black (28%)



Cyan (41%)

Magenta (57%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.8090, 26.7162, 17.7075 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 129.8090, 26.7162, 17.7075 by changing the saturation by 10% instead.

129.8090, 26.7162,
17.7075

129.8090, 26.7162,
17.7075

255.0000, 0.0000,
0.0000

103.9830, 26.1374,
16.6779

183.1620, 28.0211,
19.1519

79.1570, 25.5586,
15.6483

209.3920, 22.4847,
21.5812

55.2170, 24.5430,
14.7187

232.1070, 11.2862,
20.0772

31.8040, 24.2536,
14.2039

249.1300, 2.8939,
5.1480

14.2720, 21.0649,
10.2855

5.1640, 14.7091,
-4.5288

1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 129.8090, 26.7162,
17.7075

■ 129.8090, 26.7162,
17.7075

■ 116.8510, 33.1045,
22.0557

■ 142.7670, 20.3279,
13.3593

■ 103.0070, 39.9295,
26.3039

■ 156.6110, 13.5028,
9.1112

■ 90.0490, 46.3178,
30.6520

■ 169.5690, 7.1145,
4.7630

■ 76.5040, 52.9955,
35.5150

■ 183.1140, 0.4368,
-0.1000

■ 63.2470, 59.5312,
39.2484

■ 196.3710, -6.0989,
-3.8334

■ 51.1750, 65.4827,
43.6965

■ 209.3290,
-12.4872, -8.1815

■ 222.8740,
-19.1649, -13.0445

■ 235.5440,
-25.4112, -16.2631

■ 237.9360,
-26.5904, -11.3449

Harmonies

Analogous

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



122.4160, 39.2349, -31.0598



129.8090, 26.7162, 17.7075



128.4790, 10.6099, 50.4459

Triad

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



129.8090, 26.7162, 17.7075



123.6110, -36.7832, 38.0522



101.8900, 19.7742, -89.3575

Complementary

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



129.8090, 26.7162, 17.7075



163.1910, -26.7162, -17.7075

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.



96.3410, 2.2969, -83.6141



129.8090, 26.7162, 17.7075



120.3210, -37.1333, 10.2425

Square

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



129.8090, 26.7162, 17.7075



124.9460, -24.6234, 57.9294



115.7280, -24.5159, -23.4405



104.2330, 36.3671, -91.4123

Rectangle

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



129.8090, 26.7162, 17.7075



126.4560, -1.2108, 61.8671



115.7280, -24.5159, -23.4405



99.7070, 13.9484, -87.4430

Sweetspot

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



129.8090, 26.7162, 17.7075



219.0900, 10.3086, 6.9371



138.0950, 22.6312, -25.5163



107.6290, 6.0989, 3.8334



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.



129.8090, 26.7162, 17.7075



154.5880, 42.1081, 27.5483



139.7470, 20.8307, 38.8099



85.5210, 3.1941, 2.1741



43.1990, 55.6109, 36.6595



7.6770, 10.0192, 6.4223

Inverse Universe

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



135.3010, 3.7956, 42.7090



163.3240, 5.7563, 67.2449



153.2530, -20.8307, -38.8099



86.1470, 0.4205, 5.1331



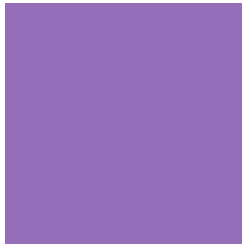
54.7380, 8.0172, 88.8068



9.8540, 1.5510, 15.9140

Previews

White Background



This preview shows how the YUV color 129.8090, 26.7162, 17.7075 looks on a white background.

Color Contrast Check

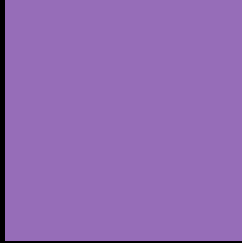
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8090, 26.7162, 17.7075 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 129.8090, 26.7162, 17.7075

Background



This preview shows how black text looks on a background with the YUV color 129.8090, 26.7162, 17.7075.



This preview shows how white text looks on a background with the YUV color 129.8090, 26.7162, 17.7075.

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

129.8090, 26.7162, 17.7075

Protanopia

125.1460, 35.4240, -22.0530

Deuteranopia

125.4040, 27.4088, -17.8943



Tritanopia

128.0060, 0.9830, 11.3957

Trichromacy



Original Color

129.8090, 26.7162, 17.7075

Protanomaly

127.0230, 32.0337, -7.9132

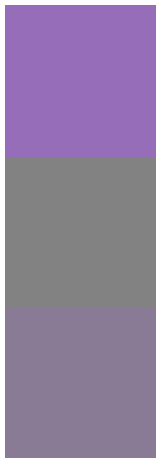
Deuteranomaly

126.7800, 27.2235, -5.0691

Tritanomaly

128.8350, 10.4343, 13.2997

Monochromacy



Original Color

129.8090, 26.7162, 17.7075

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.6770, 10.0192, 6.4223

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8090, 26.7162, 17.7075 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(150, 109, 184)` looks like.

```
.text, #text, p{  
    color:rgb(150, 109, 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(150, 109, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 109, 184) }
```

Border

The CSS property to change the border of an element to YUV 129.8090, 26.7162, 17.7075 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(150, 109, 184) }
```


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

```
.border{ border-color:rgb(150, 109, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 109, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 109, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 109, 184);  
box-shadow:4px 4px 4px 4px rgb(150, 109,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 129.8090, 26.7162, 17.7075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 109, 184) }
```

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

```
.background{ background-color: rgb(150,  
109, 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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