

Converting Colors

YUV(25.7740, 49.9044, 0.1982)

Have a look what the booklet for
YUV(25.7740, 49.9044, 0.1982)
contains.

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Color

**YUV(25.7740, 49.9044,
0.1982)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 1A067F |
| RGB | 26, 6, 127 |
| RGB Percent | 10%, 2%, 50% |
| CMY | 0.8980, 0.9765, 0.5020 |
| CMYK | 0.80, 0.95, 0.00, 0.50 |
| HSL | 250°, 91%, 26% |
| HSV | 250°, 95%, 50% |
| XYZ | 4.3219, 1.8822, 20.2142 |
| YIQ | 25.7740, -26.9210, 41.8710 |

Conversions

Conversions Part 2

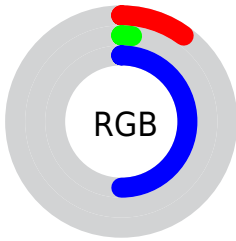
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 26, 6, 127 |
| Decimal | 1705599 |
| CIE Lab | 14.86, 45.46, -60.89 |
| CIE LCh | 15, 75.992, 306.744 |
| Yxy | 1.8822, 0.1636, 0.0712 |
| Android (android.graphics.Color) | 4279895679 (0xFF1A067F) |
| YUV | 25.7740, 49.9044, 0.1982 |
| Hunter-Lab | 13.7192, 32.2233, -77.7557 |

Details

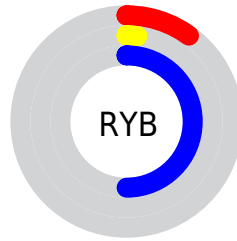
The YUV color **25.7740, 49.9044, 0.1982** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **107.2260, -49.9044, -0.1982**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.7150, 49.4405, 9.0199**, and **8.6640, 33.1966, -7.5983** is the 20% darker color. If you saturate the color by 10%, you get **20.7570, 52.3778, 0.2131**, and if you desaturate by 10%, it is **36.6940, 44.5209, 0.2684**.

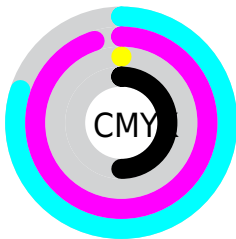
Distribution



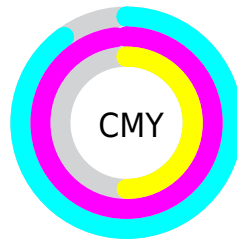
- Red (10%)
- Green (2%)
- Blue (50%)



- Red (10%)
- Yellow (2%)
- Blue (50%)



- Cyan (80%)
- Magenta (95%)
- Yellow (0%)
- Black (50%)



- Cyan (90%)
- Magenta (98%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.7740, 49.9044, 0.1982 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 25.7740, 49.9044, 0.1982 by changing the saturation by 10% instead.

■ 25.7740, 49.9044,
0.1982

■ 25.7740, 49.9044,
0.1982

■ 247.9560, 3.4727,
6.1776

■ 11.5140, 44.1166,
-10.0978

■ 80.7150, 49.4405,
9.0199

■ 8.6640, 33.1966,
-7.5983

■ 107.2530, 50.1613,
11.1791

■ 8.8630, 21.2665,
-7.7729

■ 133.6060, 51.4662,
12.6235

■ 4.5940, 12.5252,
-4.0289

■ 159.4770, 47.0928,
15.3677


■ 0.1140, 0.4368,
-0.1000


■ 183.4100, 35.2939,
19.8114


■ 0.0000, 0.0000,
0.0000


■ 208.8160, 22.7687,


23.8404


 230.9330, 11.8650,
21.1068


 25.7740, 49.9044,
0.1982


 25.7740, 49.9044,
0.1982


 20.7570, 52.3778,
0.2131

 36.6940, 44.5209,
0.2684

 46.7280, 39.5741,
0.2385

 57.6480, 34.1905,
0.3087

 68.2690, 28.9544,
-0.2359

 79.1890, 23.5708,
-0.1658

■ 89.5220, 18.4767,
0.4192

■ 100.1430, 13.2405,
-0.1254

■ 111.0630, 7.8569,
-0.0553

■ 121.0970, 2.9102,
-0.0851

Harmonies

Analogous

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



43.5150, 52.4971, -38.1627



25.7740, 49.9044, 0.1982



40.3300, 20.0503, 55.8386

Triad

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



25.7740, 49.9044, 0.1982



30.0780, -14.8285, 42.9046



37.2840, 5.7760, -32.6981

Complementary

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



25.7740, 49.9044, 0.1982



107.2260, -49.9044, -0.1982

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.



31.1110, -15.3377, -27.2843



25.7740, 49.9044, 0.1982



34.5430, -17.0297, 2.1548

Square

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



25.7740, 49.9044, 0.1982



32.2920, -15.9200, 66.3959



28.7630, -14.1802, -25.2252



44.6140, 28.7843, -39.1265

Rectangle

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



25.7740, 49.9044, 0.1982



40.5260, 2.6987, 67.9447



28.7630, -14.1802, -25.2252



34.5310, -2.2338, -30.2837

Sweetspot

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



25.7740, 49.9044, 0.1982



125.8640, 19.7870, 0.1193



80.2550, 23.0453, -65.1216



59.8010, 11.9301, 0.1745



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



25.7740, 49.9044, 0.1982



26.9970, 68.5285, 0.0026



43.4150, 41.2074, 36.4700



58.0970, 2.9102, -0.0851



20.8710, 52.8146, 0.1131



0.0000, 0.0000, 0.0000

Inverse Universe

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



53.6930, 26.2804, 64.2902



65.3660, 35.8086, 88.2560



89.5850, -41.2074, -36.4700



59.7770, 1.5889, 3.7036



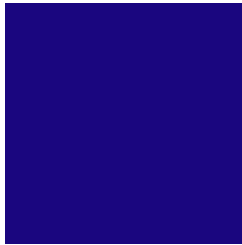
50.3560, 27.4325, 68.0938



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 25.7740, 49.9044, 0.1982 looks on a white background.

Color Contrast Check

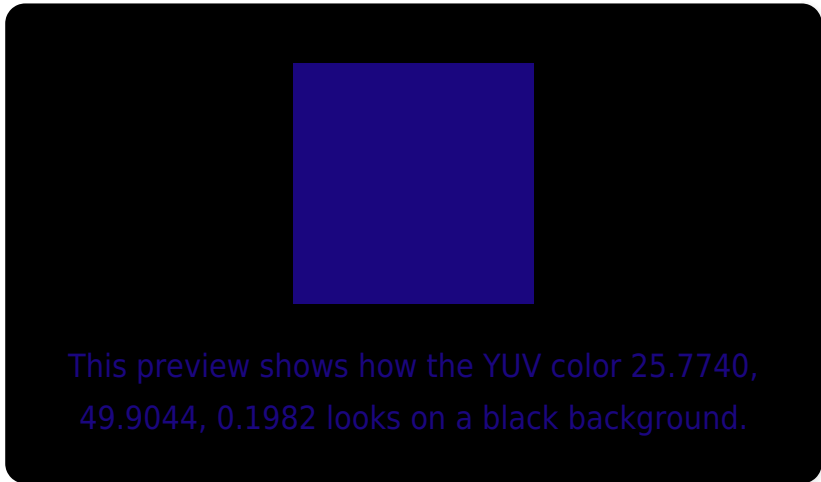
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

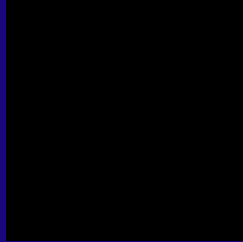
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.7740, 49.9044, 0.1982

Background



This preview shows how black text looks on a background with the YUV color 25.7740, 49.9044, 0.1982.



This preview shows how white text looks on a background with the YUV color 25.7740, 49.9044,

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

25.7740, 49.9044, 0.1982

Protanopia

32.1270, 24.0944, -28.1754

Deuteranopia

31.9330, 18.2740, -28.0052



Tritanopia

31.7730, 7.5069, -27.8649

Trichromacy



Original Color

25.7740, 49.9044, 0.1982

Protanomaly

29.7120, 33.6660, -18.1644

Deuteranomaly

29.3870, 29.8822, -17.8794

Tritanomaly

29.5520, 22.8989, -18.0241

Monochromacy



Original Color

25.7740, 49.9044, 0.1982

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.1090, 18.1873, -0.0956

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.7740, 49.9044, 0.1982 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(26, 6, 127)` looks like.

```
.text, #text, p{  
    color:rgb(26, 6, 127)  
}
```

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(26, 6, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 6, 127) }
```

Border

The CSS property to change the border of an element to YUV 25.7740, 49.9044, 0.1982 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(26, 6, 127) }
```


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

```
.border{ border-color:rgb(26, 6, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 6, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 6, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 6, 127);  
box-shadow:4px 4px 4px 4px rgb(26, 6, 127)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.7740, 49.9044, 0.1982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 6, 127) }
```

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

```
.background{ background-color: rgb(26, 6,  
127) }
```

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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