

Converting Colors

YUV(26.3990, 68.8233, -1.2269)

Have a look what the booklet for
YUV(26.3990, 68.8233, -1.2269)
contains.

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Color

**YUV(26.3990, 68.8233,
-1.2269)**

Conversions

Conversions Part 1

Format	Color
Hex	1900A6
RGB	25, 0, 166
RGB Percent	10%, 0%, 65%
CMY	0.9020, 1.0000, 0.3490
CMYK	0.85, 1.00, 0.00, 0.35
HSL	249°, 100%, 33%
HSV	249°, 100%, 65%
XYZ	7.2838, 2.9598, 36.2638
YIQ	26.3990, -38.3860, 56.9260

Conversions

Conversions Part 2

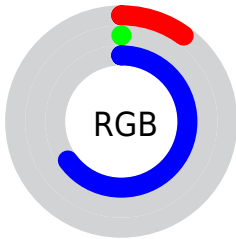
Format	Color
R_{YB}	25, 0, 166
Decimal	1638566
CIE _{Lab}	19.88, 57.71, -76.77
CIE _{LCh}	20, 96.042, 306.936
Yxy	2.9598, 0.1566, 0.0636
Android (android.graphics.Color)	4279828646 (0xFF1900A6)
YUV	26.3990, 68.8233, -1.2269
Hunter-Lab	17.2042, 45.4652, -112.9312

Details

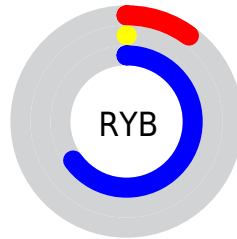
The YUV color **26.3990, 68.8233, -1.2269** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **139.6010, -68.8233, 1.2269**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.9660, 65.5858, 10.5538**, and **12.7680, 48.9214, -11.1975** is the 20% darker color. If you saturate the color by 10%, you get **26.3990, 68.8233, -1.2269**, and if you desaturate by 10%, it is **40.5640, 61.8399, -1.3716**.

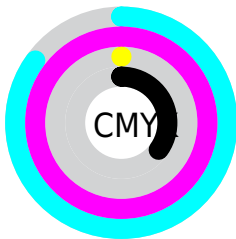
Distribution



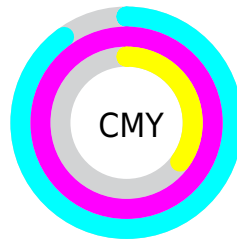
- Red (10%)
- Green (0%)
- Blue (65%)



- Red (10%)
- Yellow (0%)
- Blue (65%)



- Cyan (85%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (90%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.3990, 68.8233, -1.2269 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 26.3990, 68.8233, -1.2269 by changing the saturation by 10% instead.

■ 26.3990, 68.8233,
-1.2269

■ 26.3990, 68.8233,
-1.2269

■ 251.4780, 1.7363,
3.0888

■ 15.8460, 60.7149,
-13.8969

■ 89.9660, 65.5858,
10.5538

■ 12.7680, 48.9214,
-11.1975

■ 117.8030, 66.1591,
13.3278

■ 10.5050, 37.7120,
-9.2129

■ 142.3770, 55.5231,
18.0864

■ 10.5900, 25.3451,
-9.2874

■ 167.1960, 43.2874,
22.6301

■ 6.2070, 16.1669,
-5.4435

■ 192.3140, 30.9042,
27.7886

■ 2.5250, 7.1362,
-2.2144

■ 217.4320, 18.5210,

■ 0.0000, 0.0000,

32.9471

0.0000

■ 234.4550, 10.1287,
18.0180

■ 26.3990, 68.8233,
-1.2269

■ 40.5640, 61.8399,
-1.3716

■ 54.1420, 55.1460,
-1.0015

■ 68.3070, 48.1626,
-1.1462

■ 81.8850, 41.4687,
-0.7761

■ 96.3490, 34.3379,
-0.3061

■ 110.5140, 27.3546,
-0.4508

■ 124.0920, 20.6606,
-0.0807

■ 138.2570, 13.6773,
-0.2254

■ 151.8350, 6.9833,
0.1447

Harmonies

Analogous

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



56.9770, 68.5383, -49.9688



26.3990, 68.8233, -1.2269



52.3350, 25.9638, 72.4972

Triad

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



26.3990, 68.8233, -1.2269



36.0690, -17.7820, 56.9445



47.2120, 8.2765, -41.4049

Complementary

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



26.3990, 68.8233, -1.2269



139.6010, -68.8233, 1.2269

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.



39.3290, -19.3892, -34.4915



26.3990, 68.8233, -1.2269



43.9790, -21.6816, 0.8954

Square

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



26.3990, 68.8233, -1.2269



41.5610, -20.4896, 85.4540



36.3940, -17.9422, -31.9175



56.9530, 37.9842, -49.9478

Rectangle

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



26.3990, 68.8233, -1.2269



52.7720, 3.0704, 88.7770



36.3940, -17.9422, -31.9175



43.7750, -2.3541, -38.3907

Sweetspot

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



26.3990, 68.8233, -1.2269



162.4000, 26.9178, -0.3508



101.6910, 31.7043, -89.1830



76.3540, 16.5875, -0.3105



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



26.3990, 68.8233, -1.2269



34.6050, 89.9207, -1.4076



51.2160, 56.5885, 49.7996



77.2110, 3.3470, -0.1850



23.4500, 61.4031, -1.2716



3.1770, 8.2937, -0.1552

Inverse Universe

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



65.7080, 37.1190, 87.9561



85.8590, 48.3835, 115.0107



114.7840, -56.5885, -49.7996



79.1900, 1.8783, 4.2184



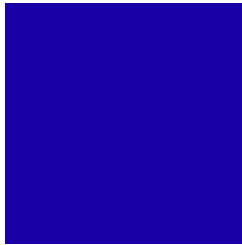
58.6160, 33.2203, 78.3898



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 26.3990, 68.8233, -1.2269 looks on a white background.

Color Contrast Check

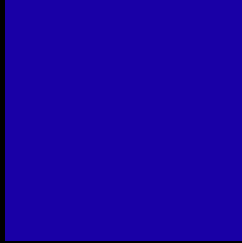
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 26.3990, 68.8233, -1.2269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

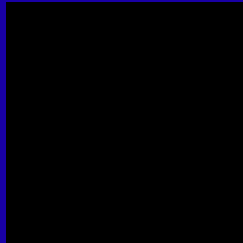
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.3990, 68.8233, -1.2269

Background



This preview shows how black text looks on a background with the YUV color 26.3990, 68.8233, -1.2269.



This preview shows how white text looks on a background with the YUV color 26.3990, 68.8233, -1.2269.

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



Protanopia

41.2060, 30.9574, -36.1377

Deuteranopia

41.1430, 23.1005, -36.0824

Tritanopia

40.2990, 9.7126, -35.3422

Trichromacy



Protanomaly

35.9530, 44.8862, -23.6378

Deuteranomaly

35.8730, 39.5026, -23.5676

Tritanomaly

35.1090, 31.4983, -22.8976

Monochromacy



Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.5310, 24.8812, -0.4657

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.3990, 68.8233, -1.2269 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(25, 0, 166)` looks like.

```
.text, #text, p{  
    color:rgb(25, 0, 166)  
}
```

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(25, 0, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 0, 166) }
```

Border

The CSS property to change the border of an element to YUV 26.3990, 68.8233, -1.2269 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(25, 0, 166) }
```

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

```
.border{ border-color:rgb(25, 0, 166) }
```

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

Here you see how a box with a 4 pixel rgb(25, 0, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 0, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 0, 166);  
box-shadow:4px 4px 4px 4px rgb(25, 0, 166)  
}
```


Background

The CSS property to change the background color of an element to YUV 26.3990, 68.8233, -1.2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 0, 166) }
```

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

```
.background{ background-color: rgb(25, 0,  
166) }
```

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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