

Converting Colors

YUV(26.9750, 65.0883,
-16.6411)

Have a look what the booklet for
YUV(26.9750, 65.0883, -16.6411)
contains.

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Color

**YUV(26.9750, 65.0883,
-16.6411)**

Conversions

Conversions Part 1

Format	Color
Hex	080B9F
RGB	8, 11, 159
RGB Percent	3%, 4%, 62%
CMY	0.9686, 0.9569, 0.3765
CMYK	0.95, 0.93, 0.00, 0.38
HSL	239°, 90%, 33%
HSV	239°, 95%, 62%
XYZ	6.4778, 2.7942, 32.9988
YIQ	26.9750, -49.2960, 45.3920

Conversions

Conversions Part 2

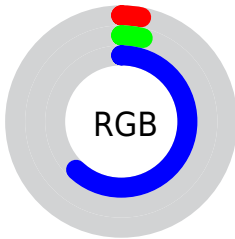
Format	Color
R_{YB}	8, 11, 159
Decimal	527263
CIE _{Lab}	19.20, 52.51, -73.65
CIE _{LCh}	19, 90.455, 305.488
Yxy	2.7942, 0.1532, 0.0661
Android (android.graphics.Color)	4278717343 (0xFF080B9F)
YUV	26.9750, 65.0883, -16.6411
Hunter-Lab	16.7158, 39.9210, -105.3440

Details

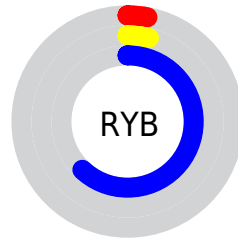
The YUV color **26.9750, 65.0883, -16.6411** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **140.0250, -65.0883, 16.6411**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.0100, 62.1131, 4.3762**, and **12.0840, 46.3006, -10.5977** is the 20% darker color. If you saturate the color by 10%, you get **19.8870, 68.5827, -17.4409**, and if you desaturate by 10%, it is **41.1510, 58.0996, -15.0414**.

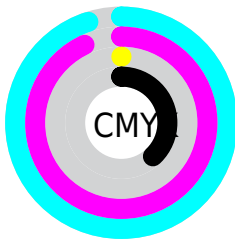
Distribution



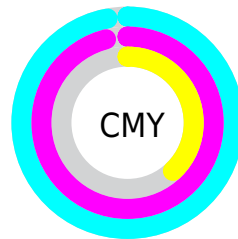
- Red (3%)
- Green (4%)
- Blue (62%)



- Red (3%)
- Yellow (4%)
- Blue (62%)



- Cyan (95%)
- Magenta (93%)
- Yellow (0%)
- Black (38%)



- Cyan (97%)
- Magenta (96%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.9750, 65.0883, -16.6411 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 26.9750, 65.0883, -16.6411 by changing the saturation by 10% instead.

■ 26.9750, 65.0883,
-16.6411

■ 26.9750, 65.0883,
-16.6411

■ 252.6520, 1.1576,
2.0592

■ 15.0480, 57.6573,
-13.1971

■ 89.0100, 62.1131,
4.3762

■ 12.0840, 46.3006,
-10.5977

■ 116.2600, 62.9758,
7.6650

■ 12.6420, 33.2075,
-11.0870

■ 141.7460, 55.8342,
11.6238

■ 9.3190, 23.0137,
-8.1728

■ 165.9780, 43.8878,
16.6823

■ 5.0500, 14.2723,
-4.4289

■ 190.7970, 31.6521,
21.2260

■ 0.9120, 3.4944,
-0.7998


■ 216.5020, 18.9795,


■ 0.0000, 0.0000,


25.8697


0.0000


 235.6290, 9.5499,
16.9884


 26.9750, 65.0883,
-16.6411


 26.9750, 65.0883,
-16.6411


 19.8870, 68.5827,
-17.4409

 41.1510, 58.0996,
-15.0414

 54.7400, 51.4002,
-12.9270

 68.9160, 44.4114,
-11.3273

 82.5050, 37.7120,
-9.2129

 96.6810, 30.7233,
-7.6132

■ 110.5580, 23.8819,
-6.6284

■ 124.1470, 17.1825,
-4.5139

■ 138.3230, 10.1938,
-2.9143

■ 151.9120, 3.4944,
-0.7998

Harmonies

Analogous

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



54.6630, 64.7491, -47.9395



26.9750, 65.0883, -16.6411



49.4160, 26.4169, 67.1642

Triad

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



26.9750, 65.0883, -16.6411



34.2970, -16.9084, 56.7445



45.3540, 6.2345, -39.7755

Complementary

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



26.9750, 65.0883, -16.6411



140.0250, -65.0883, 16.6411

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.



38.1550, -18.8104, -33.4619



26.9750, 65.0883, -16.6411



43.1150, -21.2557, 4.2841

Square

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



26.9750, 65.0883, -16.6411



40.0660, -19.7525, 82.3801



35.2200, -17.3635, -30.8879



54.0520, 34.4844, -47.4036

Rectangle

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



26.9750, 65.0883, -16.6411



50.1950, 4.8339, 83.1440



35.2200, -17.3635, -30.8879



42.1450, -3.5225, -36.9612

Sweetspot

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



26.9750, 65.0883, -16.6411



156.1990, 25.0449, -6.3135



113.2810, 20.0745, -92.3314



73.6910, 15.4353, -4.1140



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



26.9750, 65.0883, -16.6411



25.9460, 89.2596, -22.7546



46.1440, 55.6380, 27.9377



71.9120, 3.4944, -0.7998



18.0630, 61.5939, -15.8413



1.7100, 6.5520, -1.4997

Inverse Universe

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



53.4910, -20.9481, 92.5314



62.3490, -28.7661, 126.8589



120.8560, -55.6380, -27.9377



73.3920, -1.1793, 4.9182



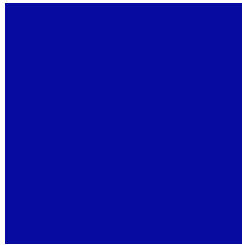
43.0990, -19.7688, 87.6132



4.4850, -2.2111, 9.2217

Previews

White Background



This preview shows how the YUV color 26.9750, 65.0883, -16.6411 looks on a white background.

Color Contrast Check

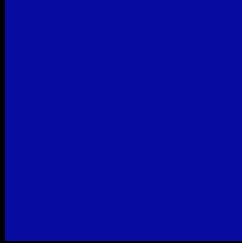
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9750, 65.0883, -16.6411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

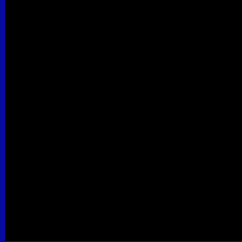
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.9750, 65.0883, -16.6411

Background



This preview shows how black text looks on a background with the YUV color 26.9750, 65.0883, -16.6411.



This preview shows how white text looks on a background with the YUV color 26.9750, 65.0883, -16.6411.

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

26.9750, 65.0883, -16.6411

Protanopia

38.8750, 29.6416, -34.0934

Deuteranopia

38.9260, 22.2215, -34.1381



Tritanopia

38.1960, 9.2704, -33.4979

Trichromacy



Original Color

26.9750, 65.0883, -16.6411

Protanomaly

34.6490, 42.5710, -27.7562

Deuteranomaly

34.6830, 37.6243, -27.7860

Tritanomaly

33.9190, 29.6199, -27.1160

Monochromacy



Original Color

26.9750, 65.0883, -16.6411

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.8570, 23.7345, -6.0136

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.9750, 65.0883, -16.6411 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(8, 11, 159)` looks like.

```
.text, #text, p{  
    color:rgb(8, 11, 159)  
}
```

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(8, 11, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 11, 159) }
```

Border

The CSS property to change the border of an element to YUV 26.9750, 65.0883, -16.6411 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(8, 11, 159) }
```


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

```
.border{ border-color:rgb(8, 11, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 11, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 11, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 11, 159);  
box-shadow:4px 4px 4px 4px rgb(8, 11, 159)  
}
```

Background

The CSS property to change the background color of an element to YUV 26.9750, 65.0883, -16.6411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 11, 159) }
```

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

```
.background{ background-color: rgb(8, 11,  
159) }
```

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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