

Converting Colors

YUV(26.7780, 87.3704,
-23.4843)

Have a look what the booklet for
YUV(26.7780, 87.3704, -23.4843)
contains.

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Color

**YUV(26.7780, 87.3704,
-23.4843)**

Conversions

Conversions Part 1

Format	Color
Hex	0006CC
RGB	0, 6, 204
RGB Percent	0%, 2%, 80%
CMY	1.0000, 0.9765, 0.2000
CMYK	1.00, 0.97, 0.00, 0.20
HSL	238°, 100%, 40%
HSV	238°, 100%, 80%
XYZ	10.9642, 4.4899, 57.4155
YIQ	26.7780, -67.1340, 60.3060

Conversions

Conversions Part 2

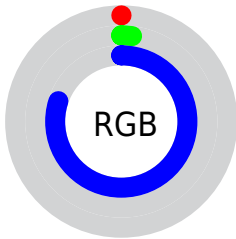
Format	Color
RYB	0, 6, 204
Decimal	1740
CIELab	25.23, 65.69, -90.50
CIELCh	25, 111.821, 305.974
Yxy	4.4899, 0.1505, 0.0616
Android (android.graphics.Color)	4278191820 (0xFF0006CC)
YUV	26.7780, 87.3704, -23.4843
Hunter-Lab	21.1893, 55.2816, -145.8220

Details

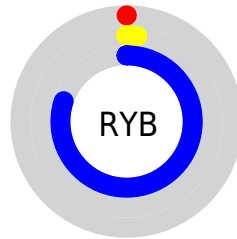
The YUV color **26.7780, 87.3704, -23.4843** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **177.2220, -87.3704, 23.4843**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.5060, 76.6585, 5.6952**, and **16.8720, 64.6461, -14.7967** is the 20% darker color. If you saturate the color by 10%, you get **26.7780, 87.3704, -23.4843**, and if you desaturate by 10%, it is **44.4980, 78.6345, -21.4847**.

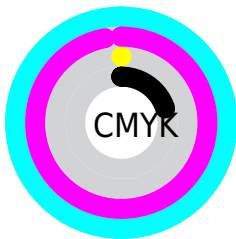
Distribution



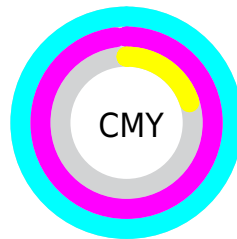
- Red (0%)
- Green (2%)
- Blue (80%)



- Red (0%)
- Yellow (2%)
- Blue (80%)



- Cyan (100%)
- Magenta (97%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (98%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.7780, 87.3704, -23.4843 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 26.7780, 87.3704, -23.4843 by changing the saturation by 10% instead.

■ 26.7780, 87.3704,
-23.4843

■ 26.7780, 87.3704,
-23.4843

■ 255.0000, 0.0000,
0.0000

■ 20.0640, 76.8764,
-17.5961

■ 99.5060, 76.6585,
5.6952

■ 16.8720, 64.6461,
-14.7967

■ 124.9340, 64.1225,
13.2129

■ 13.7940, 52.8526,
-12.0973

■ 150.3510, 51.5920,
18.9862

■ 18.4610, 37.7337,
-16.1903

■ 175.7680, 39.0614,
24.7595

■ 12.6760, 28.2607,
-11.1169

■ 200.8860, 26.6782,
29.9180

■ 7.7060, 19.3719,
-6.7582

■ 223.8890, 15.3377,


■ 3.4370, 10.6306,


27.2843


-3.0142


 240.3250, 7.2348,
12.8700


 0.0000, 0.0000,
0.0000

 26.7780, 87.3704,
-23.4843

 44.4980, 78.6345,
-21.4847

 62.5170, 69.7511,
-18.8704

 79.6500, 61.3045,
-16.3561

 97.6690, 52.4212,
-13.7417

 115.3890, 43.6852,
-11.7422

■ 133.1090, 34.9493,
-9.7426

■ 151.1280, 26.0659,
-7.1283

■ 168.2610, 17.6193,
-4.6139

■ 186.2800, 8.7360,
-1.9996

Harmonies

Analogous

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



70.6840, 82.9798, -61.9899



26.7780, 87.3704, -23.4843



63.3720, 33.3406, 86.4968

Triad

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



26.7780, 87.3704, -23.4843



41.4840, -20.4516, 73.2435



57.3850, 9.1772, -50.3266

Complementary

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



26.7780, 87.3704, -23.4843



177.2220, -87.3704, 23.4843

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.



47.5470, -23.4407, -41.6987



26.7780, 87.3704, -23.4843



54.6220, -26.9286, 3.8395

Square

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



26.7780, 87.3704, -23.4843



51.1290, -25.2066, 105.1269



45.1990, -22.2831, -39.6395



69.5370, 45.5843, -60.9839

Rectangle

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



26.7780, 87.3704, -23.4843



64.2780, 5.7789, 106.7502



45.1990, -22.2831, -39.6395



53.9650, -3.9267, -47.3273

Sweetspot

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



26.7780, 87.3704, -23.4843



188.8380, 32.6179, -8.6279



142.2060, 27.0134, -124.7147



87.8310, 19.8033, -5.1138



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.



26.7780, 87.3704, -23.4843



33.1790, 109.3578, -29.0980



51.6610, 75.1031, 38.0083



93.1400, 4.3680, -0.9998



21.8590, 71.0615, -19.1703



4.9190, 16.3089, -4.3140

Inverse Universe

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



61.6800, -27.4502, 124.8146



77.0430, -34.5312, 156.0683



152.3390, -75.1031, -38.0083



94.9900, -1.4741, 6.1478



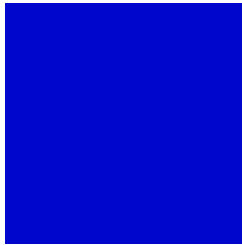
50.2040, -22.2856, 101.5531



11.4760, -5.1647, 23.2615

Previews

White Background



This preview shows how the YUV color 26.7780, 87.3704, -23.4843 looks on a white background.

Color Contrast Check

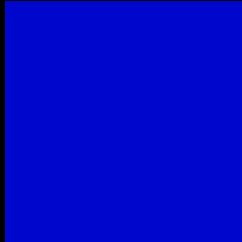
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7780, 87.3704, -23.4843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

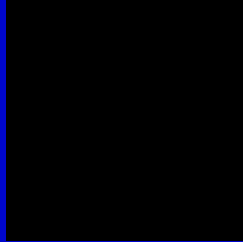
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.7780, 87.3704, -23.4843

Background



This preview shows how black text looks on a background with the YUV color 26.7780, 87.3704, -23.4843.



This preview shows how white text looks on a background with the YUV color 26.7780, 87.3704, -23.4843.

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

26.7780, 87.3704, -23.4843

Protanopia

49.4700, 37.2363, -43.3852

Deuteranopia

49.6520, 27.7796, -43.5448



Tritanopia

48.7110, 11.4815, -42.7195

Trichromacy



Original Color

26.7780, 87.3704, -23.4843

Protanomaly

41.0360, 55.6913, -35.9886

Deuteranomaly

41.4290, 49.5815, -36.3332

Tritanomaly

40.6820, 39.1038, -35.6781

Monochromacy



Original Color

26.7780, 87.3704, -23.4843

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.6100, 31.7443, -8.4280

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.7780, 87.3704, -23.4843 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(0, 6, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 6, 204)  
}
```

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(0, 6, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 6, 204) }
```

Border

The CSS property to change the border of an element to YUV 26.7780, 87.3704, -23.4843 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(0, 6, 204) }
```


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

```
.border{ border-color:rgb(0, 6, 204) }
```

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

Here you see how a box with a 4 pixel rgb(0, 6, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 6, 204); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 6, 204); box-shadow:4px  
4px 4px 4px rgb(0, 6, 204) }
```

Background

The CSS property to change the background color of an element to YUV 26.7780, 87.3704, -23.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 6, 204) }
```

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

```
.background{ background-color: rgb(0, 6,  
204) }
```

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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