

Converting Colors

YUV(26.8400, 79.9449,
-21.7847)

Have a look what the booklet for
YUV(26.8400, 79.9449, -21.7847)
contains.

YUV(26.8400, 79.9449, -21.7847)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(26.8400, 79.9449,
-21.7847)**

Conversions

Conversions Part 1

Format	Color
Hex	0208BD
RGB	2, 8, 189
RGB Percent	1%, 3%, 74%
CMY	0.9922, 0.9686, 0.2588
CMYK	0.99, 0.96, 0.00, 0.26
HSL	238°, 98%, 37%
HSV	238°, 99%, 74%
XYZ	9.2972, 3.8607, 48.3993
YIQ	26.8400, -61.6770, 55.0190

Conversions

Conversions Part 2

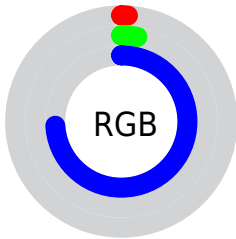
Format	Color
RYB	2, 8, 189
Decimal	133309
CIELab	23.21, 61.39, -85.04
CIElCh	23, 104.883, 305.825
Yxy	3.8607, 0.1510, 0.0627
Android (android.graphics.Color)	4278323389 (0xFF0208BD)
YUV	26.8400, 79.9449, -21.7847
Hunter-Lab	19.6487, 50.0759, -132.2913

Details

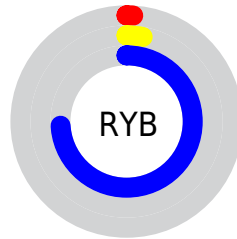
The YUV color **26.8400, 79.9449, -21.7847** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **164.1600, -79.9449, 21.7847**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.8110, 74.0432, 4.5508**, and **15.2760, 58.5309, -13.3971** is the 20% darker color. If you saturate the color by 10%, you get **25.0680, 80.8185, -21.9846**, and if you desaturate by 10%, it is **43.0870, 71.9351, -19.3703**.

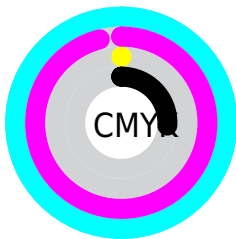
Distribution



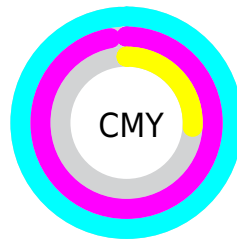
- Red (1%)
- Green (3%)
- Blue (74%)



- Red (1%)
- Yellow (3%)
- Blue (74%)



- Cyan (99%)
- Magenta (96%)
- Yellow (0%)
- Black (26%)



- Cyan (99%)
- Magenta (97%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.8400, 79.9449, -21.7847 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 26.8400, 79.9449, -21.7847 by changing the saturation by 10% instead.

■ 26.8400, 79.9449,
-21.7847

■ 26.8400, 79.9449,
-21.7847

■ 255.0000, 0.0000,
0.0000

■ 18.3540, 70.3245,
-16.0965

■ 96.8110, 74.0432,
4.5508

■ 15.2760, 58.5309,
-13.3971

■ 122.8520, 65.1490,
10.6538

■ 12.1980, 46.7374,
-10.6976

■ 147.3830, 53.0552,
16.3271

■ 15.8050, 32.6341,
-13.8610

■ 172.5010, 40.6720,
21.4856

■ 9.5470, 23.8873,
-8.3727

■ 197.9180, 28.1414,
27.2589


■ 5.1640, 14.7091,
-4.5288

■ 222.1280, 16.2059,


■ 1.2540, 4.8048,


28.8287


-1.0998


 239.1510, 7.8136,
13.8996


 0.0000, 0.0000,
0.0000


 26.8400, 79.9449,
-21.7847


 26.8400, 79.9449,
-21.7847


 25.0680, 80.8185,
-21.9846

 43.0870, 71.9351,
-19.3703

 59.9210, 63.6359,
-17.4707

 76.1680, 55.6262,
-15.0563

 92.4150, 47.6164,
-12.6420

 108.6620, 39.6066,
-10.2276

■ 125.1970, 31.4549,
-8.9428

■ 141.4440, 23.4451,
-6.5284

■ 157.6910, 15.4353,
-4.1140

■ 174.5250, 7.1362,
-2.2144

Harmonies

Analogous

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



65.1100, 76.8538, -57.1015



26.8400, 79.9449, -21.7847



58.7580, 31.1783, 80.0192

Triad

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



26.8400, 79.9449, -21.7847



39.3800, -19.4143, 67.1957



53.1790, 8.2928, -46.6380

Complementary

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



26.8400, 79.9449, -21.7847



164.1600, -79.9449, 21.7847

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.



44.6120, -21.9937, -39.1247



26.8400, 79.9449, -21.7847



51.0780, -25.1815, 3.4396

Square

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



26.8400, 79.9449, -21.7847



47.5410, -23.4377, 97.7495



41.6770, -20.5468, -36.5507



63.9460, 41.9316, -56.0806

Rectangle

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



26.8400, 79.9449, -21.7847



59.7070, 5.0744, 99.3580



41.6770, -20.5468, -36.5507



49.9870, -3.9376, -43.8386

Sweetspot

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



26.8400, 79.9449, -21.7847



181.1970, 31.4549, -8.9428



132.4030, 24.9443, -114.3634



84.1900, 18.6403, -5.4286



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



26.8400, 79.9449, -21.7847



32.6260, 104.7004, -28.6130



49.3310, 68.8568, 34.7897



86.0260, 3.9312, -0.8998



20.9470, 67.5671, -18.3705



4.1210, 13.2513, -3.6141

Inverse Universe

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



58.5970, -24.9443, 114.3634



74.1670, -32.6203, 149.8205



141.6690, -68.8568, -34.7897



87.6910, -1.3267, 5.5330



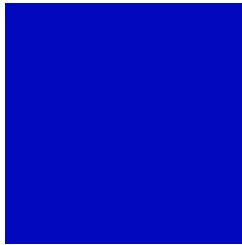
47.8120, -21.1063, 96.6349



9.3830, -4.1328, 18.9581

Previews

White Background



This preview shows how the YUV color 26.8400, 79.9449, -21.7847 looks on a white background.

Color Contrast Check

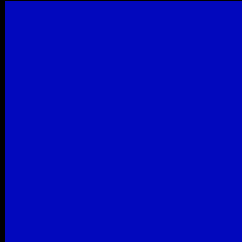
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8400, 79.9449, -21.7847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

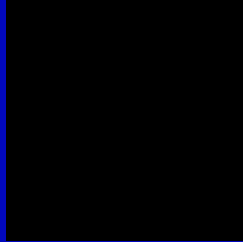
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.8400, 79.9449, -21.7847

Background



This preview shows how black text looks on a background with the YUV color 26.8400, 79.9449, -21.7847.



This preview shows how white text looks on a background with the YUV color 26.8400, 79.9449, -21.7847.

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

26.8400, 79.9449, -21.7847

Protanopia

45.5090, 34.7521, -39.9114

Deuteranopia

45.8050, 25.7321, -40.1710



Tritanopia

45.2060, 10.7444, -39.6457

Trichromacy



Original Color

26.8400, 79.9449, -21.7847

Protanomaly

38.9070, 51.3178, -33.2444

Deuteranomaly

38.7130, 45.4975, -33.0743

Tritanomaly

38.7810, 35.6040, -33.1339

Monochromacy



Original Color

26.8400, 79.9449, -21.7847

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.9260, 29.1235, -7.8281

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.8400, 79.9449, -21.7847 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(2, 8, 189)` looks like.

```
.text, #text, p{  
    color:rgb(2, 8, 189)  
}
```

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(2, 8, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 8, 189) }
```

Border

The CSS property to change the border of an element to YUV 26.8400, 79.9449, -21.7847 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(2, 8, 189) }
```


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

```
.border{ border-color:rgb(2, 8, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 8, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 8, 189); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 8, 189); box-shadow:4px  
4px 4px 4px rgb(2, 8, 189) }
```

Background

The CSS property to change the background color of an element to YUV 26.8400, 79.9449, -21.7847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 8, 189) }
```

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

```
.background{ background-color: rgb(2, 8,  
189) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor