

Converting Colors

YUV(26.7300, 86.9011,
-12.9182)

Have a look what the booklet for
YUV(26.7300, 86.9011, -12.9182)
contains.

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Color

**YUV(26.7300, 86.9011,
-12.9182)**

Conversions

Conversions Part 1

Format	Color
Hex	0C00CB
RGB	12, 0, 203
RGB Percent	5%, 0%, 80%
CMY	0.9529, 1.0000, 0.2039
CMYK	0.94, 1.00, 0.00, 0.20
HSL	244°, 100%, 40%
HSV	244°, 100%, 80%
XYZ	10.9311, 4.3900, 56.7711
YIQ	26.7300, -58.0110, 65.6770

Conversions

Conversions Part 2

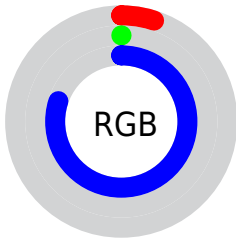
Format	Color
R_{YB}	12, 0, 203
Decimal	786635
CIE Lab	24.92, 66.77, -90.42
CIE LCh	25, 112.400, 306.444
Yxy	4.3900, 0.1516, 0.0609
Android (android.graphics.Color)	4278976715 (0xFF0C00CB)
YUV	26.7300, 86.9011, -12.9182
Hunter-Lab	20.9522, 56.4599, -145.9827

Details

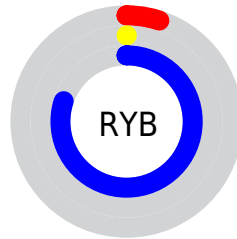
The YUV color **26.7300, 86.9011, -12.9182** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **176.2700, -86.9011, 12.9182**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.9300, 76.9425, 7.9544**, and **16.7580, 64.2093, -14.6968** is the 20% darker color. If you saturate the color by 10%, you get **26.7300, 86.9011, -12.9182**, and if you desaturate by 10%, it is **44.1510, 78.3126, -11.5334**.

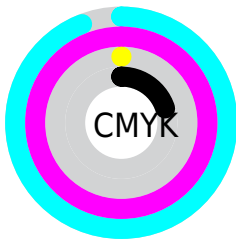
Distribution



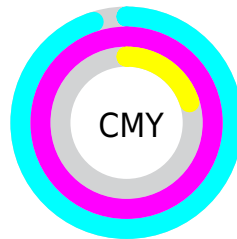
- Red (5%)
- Green (0%)
- Blue (80%)



- Red (5%)
- Yellow (0%)
- Blue (80%)



- Cyan (94%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (95%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.7300, 86.9011, -12.9182 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 26.7300, 86.9011, -12.9182 by changing the saturation by 10% instead.

■ 26.7300, 86.9011,
-12.9182

■ 26.7300, 86.9011,
-12.9182

■ 255.0000, 0.0000,
0.0000

■ 19.9500, 76.4397,
-17.4962

■ 98.9300, 76.9425,
7.9544

■ 16.7580, 64.2093,
-14.6968

■ 124.3580, 64.4065,
15.4720

■ 13.6800, 52.4158,
-11.9974

■ 149.7750, 51.8759,
21.2453

■ 18.3470, 37.2969,
-16.0903

■ 174.8930, 39.4928,
26.4038

■ 12.5620, 27.8239,
-11.0169

■ 200.3100, 26.9622,
32.1771


■ 7.5920, 18.9351,
-6.6582

■ 222.7150, 15.9165,


■ 3.3230, 10.1938,


28.3139


-2.9143


 239.1510, 7.8136,
13.8996


 0.0000, 0.0000,
0.0000


 26.7300, 86.9011,
-12.9182

 44.1510, 78.3126,
-11.5334

 62.1590, 69.4346,
-10.6634

 79.5800, 60.8461,
-9.2787

 97.0010, 52.2575,
-7.8939

 115.3080, 43.2322,
-6.4091

■ 132.7290, 34.6436,
-5.0243

■ 150.1500, 26.0550,
-3.6396

■ 167.5710, 17.4665,
-2.2548

■ 185.5790, 8.5886,
-1.3848

Harmonies

Analogous

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



70.0970, 83.2692, -61.4751



26.7300, 86.9011, -12.9182



63.5570, 32.7564, 87.2115

Triad

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



26.7300, 86.9011, -12.9182



41.4730, -20.4462, 71.4992



57.4990, 9.6140, -50.4266

Complementary

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



26.7300, 86.9011, -12.9182



176.2700, -86.9011, 12.9182

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



26.7300, 86.9011, -12.9182



54.0240, -26.6338, 2.6100

Square

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



26.7300, 86.9011, -12.9182



50.8300, -25.0592, 104.5121



44.6120, -21.9937, -39.1247



69.0640, 46.3104, -60.5691

Rectangle

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



26.7300, 86.9011, -12.9182



64.0500, 4.9054, 106.9502



44.6120, -21.9937, -39.1247



53.4920, -3.2006, -46.9125

Sweetspot

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



26.7300, 86.9011, -12.9182



188.8600, 32.6070, -5.1392



136.4330, 32.8175, -119.6517



87.8420, 19.7979, -3.3694



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.



26.7300, 86.9011, -12.9182



33.5550, 109.1724, -16.2727



56.6300, 72.1604, 48.5595



93.1400, 4.3680, -0.9998



21.9140, 71.0344, -10.4486



4.9300, 16.3035, -2.5696

Inverse Universe

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



82.4710, 53.5048, 105.7039



103.6050, 67.2427, 132.7734



146.3700, -72.1604, -48.5595



96.0160, 2.4571, 5.2480



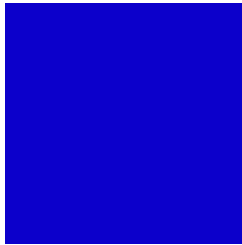
67.4180, 43.6709, 86.4564



15.4660, 10.1233, 19.7623

Previews

White Background



This preview shows how the YUV color 26.7300, 86.9011, -12.9182 looks on a white background.

Color Contrast Check

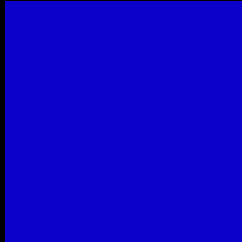
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7300, 86.9011, -12.9182 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 26.7300, 86.9011, -12.9182

Background



This preview shows how black text looks on a background with the YUV color 26.7300, 86.9011, -12.9182.



This preview shows how white text looks on a background with the YUV color 26.7300, 86.9011, -12.9182.

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

48.8830, 37.5257, -42.8704

Deuteranopia

49.5380, 27.3428, -43.4448

Tritanopia

48.0100, 11.3341, -42.1048

Trichromacy



Protanomaly

40.9440, 55.2436, -32.3999

Deuteranomaly

41.3370, 49.1339, -32.7445

Tritanomaly

40.0030, 38.9455, -31.5746

Monochromacy



Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.9310, 31.5860, -4.3245

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.7300, 86.9011, -12.9182 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(12, 0, 203)` looks like.

```
.text, #text, p{  
    color:rgb(12, 0, 203)  
}
```

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(12, 0, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 0, 203) }
```

Border

The CSS property to change the border of an element to YUV 26.7300, 86.9011, -12.9182 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(12, 0, 203) }
```

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

```
.border{ border-color:rgb(12, 0, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 0, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 0, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 0, 203);  
box-shadow:4px 4px 4px 4px rgb(12, 0, 203)  
}
```


Background

The CSS property to change the background color of an element to YUV 26.7300, 86.9011, -12.9182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 0, 203) }
```

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

```
.background{ background-color: rgb(12, 0,  
203) }
```

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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