

Converting Colors

YUV(32.4310, 83.5975,
-26.6880)

Have a look what the booklet for
YUV(32.4310, 83.5975, -26.6880)
contains.

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Color

**YUV(32.4310, 83.5975,
-26.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	020FCA
RGB	2, 15, 202
RGB Percent	1%, 6%, 79%
CMY	0.9922, 0.9412, 0.2078
CMYK	0.99, 0.93, 0.00, 0.21
HSL	236°, 98%, 40%
HSV	236°, 99%, 79%
XYZ	10.8565, 4.6188, 56.1964
YIQ	32.4310, -67.7750, 55.4010

Conversions

Conversions Part 2

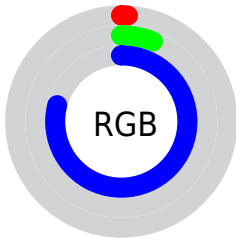
Format	Color
R _Y B	2, 14, 202
Decimal	135114
CIE Lab	25.62, 63.20, -88.67
CIE LCh	26, 108.888, 305.481
Yxy	4.6188, 0.1515, 0.0644
Android (android.graphics.Color)	4278325194 (0xFF020FCA)
YUV	32.4310, 83.5975, -26.6880
Hunter-Lab	21.4914, 52.5603, -139.9892

Details

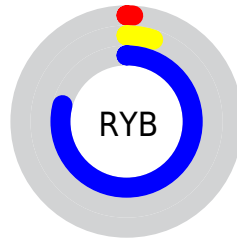
The YUV color **32.4310, 83.5975, -26.6880** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **171.5690, -83.5975, 26.6880**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.8540, 75.5010, 3.6360**, and **16.6440, 63.7725, -14.5968** is the 20% darker color. If you saturate the color by 10%, you get **30.6590, 84.4711, -26.8879**, and if you desaturate by 10%, it is **49.5640, 75.1509, -24.1736**.

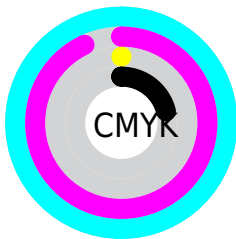
Distribution



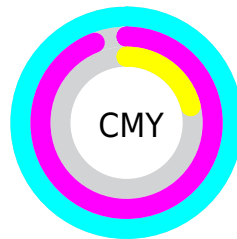
- Red (1%)
- Green (6%)
- Blue (79%)



- Red (1%)
- Yellow (5%)
- Blue (79%)



- Cyan (99%)
- Magenta (93%)
- Yellow (0%)
- Black (21%)



- Cyan (99%)
- Magenta (94%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.4310, 83.5975, -26.6880 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 32.4310, 83.5975, -26.6880 by changing the saturation by 10% instead.

■ 32.4310, 83.5975,
-26.6880

■ 32.4310, 83.5975,
-26.6880

■ 255.0000, 0.0000,
0.0000

■ 19.8360, 76.0029,
-17.3962

■ 101.8540, 75.5010,
3.6360

■ 16.6440, 63.7725,
-14.5968

■ 126.9830, 63.1124,
10.5389

■ 13.5660, 51.9790,
-11.8974

■ 151.8130, 50.8712,
16.8270

■ 18.2330, 36.8601,
-15.9903

■ 176.9310, 38.4880,
21.9855

■ 12.5620, 27.8239,
-11.0169

■ 202.9350, 25.6680,
27.2440

■ 6.8910, 18.7877,
-6.0434

■ 225.6500, 14.4696,


■ 3.3230, 10.1938,


25.7400


-2.9143


 242.0860, 6.3666,
11.3256


 0.0000, 0.0000,
0.0000


 32.4310, 83.5975,
-26.6880


 32.4310, 83.5975,
-26.6880


 30.6590, 84.4711,
-26.8879

 49.5640, 75.1509,
-24.1736

 66.6970, 66.7044,
-21.6593

 84.1290, 58.1104,
-18.5301

 101.2620, 49.6638,
-16.0158

 117.8080, 41.5067,
-12.9866

■ 134.9410, 33.0601,
-10.4723

■ 152.0740, 24.6135,
-7.9579

■ 169.5060, 16.0195,
-4.8288

■ 186.6390, 7.5730,
-2.3144

Harmonies

Analogous

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



70.2280, 81.2326, -61.5900



32.4310, 83.5975, -26.6880



62.8880, 34.0722, 85.1672

Triad

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



32.4310, 83.5975, -26.6880



43.5440, -21.4672, 72.3139



57.8580, 8.4510, -50.7415

Complementary

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



32.4310, 83.5975, -26.6880



171.5690, -83.5975, 26.6880

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.



48.1340, -23.7301, -42.2135



32.4310, 83.5975, -26.6880



56.1060, -27.6603, 5.1690

Square

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



32.4310, 83.5975, -26.6880



50.8300, -25.0592, 104.5121



45.1990, -22.2831, -39.6395



69.1950, 44.2739, -60.6840

Rectangle

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



32.4310, 83.5975, -26.6880



63.9080, 6.9474, 105.3207



45.1990, -22.2831, -39.6395



54.5520, -4.2161, -47.8421

Sweetspot

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



32.4310, 83.5975, -26.6880



190.0120, 32.0391, -9.6575



140.7180, 23.8030, -121.6557



89.0050, 19.2245, -6.1434



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.



32.4310, 83.5975, -26.6880



39.0490, 106.4638, -34.2460



50.8130, 74.5352, 33.4900



93.1400, 4.3680, -0.9998



25.3810, 69.3252, -22.2591



5.5060, 16.0195, -4.8288

Inverse Universe

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



63.2820, -23.8030, 121.6557



78.1830, -30.1632, 155.0685



153.1870, -74.5352, -33.4900



94.9900, -1.4741, 6.1478



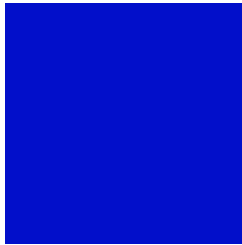
50.8880, -19.6648, 100.9532



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 32.4310, 83.5975, -26.6880 looks on a white background.

Color Contrast Check

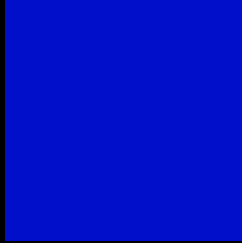
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4310, 83.5975, -26.6880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

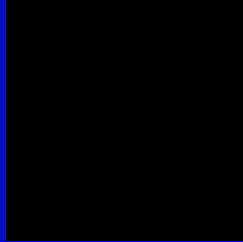
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.4310, 83.5975, -26.6880

Background



This preview shows how black text looks on a background with the YUV color 32.4310, 83.5975, -26.6880.



This preview shows how white text looks on a background with the YUV color 32.4310, 83.5975, -26.6880.

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

32.4310, 83.5975, -26.6880

Protanopia

49.4700, 37.2363, -43.3852

Deuteranopia

49.6520, 27.7796, -43.5448



Tritanopia

48.7110, 11.4815, -42.7195

Trichromacy



Original Color

32.4310, 83.5975, -26.6880

Protanomaly

43.5690, 53.9495, -37.3330

Deuteranomaly

43.3750, 48.1291, -37.1629

Tritanomaly

42.6280, 37.6514, -36.5078

Monochromacy



Original Color

32.4310, 83.5975, -26.6880

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.2570, 30.4393, -9.8724

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.4310, 83.5975, -26.6880 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, 15, 202)` looks like.

```
.text, #text, p{  
    color:rgb(2, 15, 202)  
}
```

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, 15, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 15, 202) }
```

Border

The CSS property to change the border of an element to YUV 32.4310, 83.5975, -26.6880 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, 15, 202) }
```


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

```
.border{ border-color:rgb(2, 15, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 15, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 15, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 15, 202);  
box-shadow:4px 4px 4px 4px rgb(2, 15, 202)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.4310, 83.5975, -26.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 15, 202) }
```

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

```
.background{ background-color: rgb(2, 15,  
202) }
```

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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