

Converting Colors

YUV(26.2890, 89.0905,
-15.1625)

Have a look what the booklet for
YUV(26.2890, 89.0905, -15.1625)
contains.

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Color

**YUV(26.2890, 89.0905,
-15.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	0900CF
RGB	9, 0, 207
RGB Percent	4%, 0%, 81%
CMY	0.9647, 1.0000, 0.1882
CMYK	0.96, 1.00, 0.00, 0.19
HSL	243°, 100%, 41%
HSV	243°, 100%, 81%
XYZ	11.3751, 4.5631, 59.3127
YIQ	26.2890, -61.0830, 66.2850

Conversions

Conversions Part 2

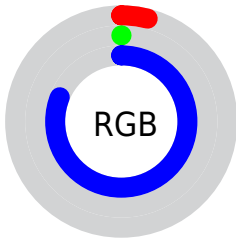
Format	Color
RYB	9, 0, 207
Decimal	590031
CIELab	25.45, 67.73, -91.87
CIElCh	25, 114.139, 306.398
Yxy	4.5631, 0.1512, 0.0606
Android (android.graphics.Color)	4278780111 (0xFF0900CF)
YUV	26.2890, 89.0905, -15.1625
Hunter-Lab	21.3613, 57.6708, -149.6739

Details

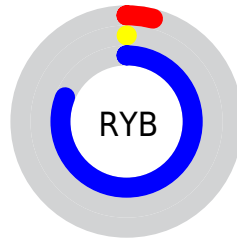
The YUV color **26.2890, 89.0905, -15.1625** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **180.7110, -89.0905, 15.1625**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.2290, 76.7951, 8.5692**, and **17.2140, 65.9565, -15.0967** is the 20% darker color. If you saturate the color by 10%, you get **26.2890, 89.0905, -15.1625**, and if you desaturate by 10%, it is **44.5960, 80.0652, -13.6777**.

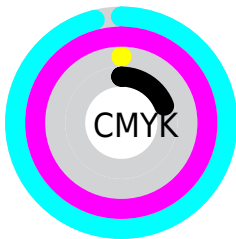
Distribution



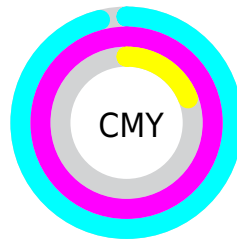
- Red (4%)
- Green (0%)
- Blue (81%)



- Red (4%)
- Yellow (0%)
- Blue (81%)



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)



- Cyan (96%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.2890, 89.0905, -15.1625 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 26.2890, 89.0905, -15.1625 by changing the saturation by 10% instead.

■ 26.2890, 89.0905,
-15.1625

■ 26.2890, 89.0905,
-15.1625

■ 255.0000, 0.0000,
0.0000

■ 20.4060, 78.1868,
-17.8961

■ 99.2290, 76.7951,
8.5692

■ 17.2140, 65.9565,
-15.0967

■ 124.9450, 64.1171,
14.9572

■ 14.1360, 54.1630,
-12.3973

■ 150.0740, 51.7285,
21.8601

■ 18.2160, 39.3335,
-15.9754

■ 175.4910, 39.1979,
27.6334

■ 13.6050, 29.2817,
-11.9316

■ 201.1960, 26.5254,
32.2771

■ 7.9340, 20.2455,
-6.9581

■ 222.7150, 15.9165,


■ 3.6650, 11.5042,


28.3139


-3.2142


 239.7380, 7.5242,
13.3848


 0.0000, 0.0000,
0.0000


 26.2890, 89.0905,
-15.1625

 44.5960, 80.0652,
-13.6777

 62.3160, 71.3292,
-11.6781

 80.3240, 62.4513,
-10.8081

 98.6310, 53.4259,
-9.3234

 116.9380, 44.4006,
-7.8386

■ 134.6580, 35.6646,
-5.8391

■ 152.9650, 26.6393,
-4.3543

■ 170.9730, 17.7613,
-3.4843

■ 188.6930, 9.0254,
-1.4848

Harmonies

Analogous

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



71.8410, 84.8744, -63.0046



26.2890, 89.0905, -15.1625



64.6820, 33.1878, 88.8559

Triad

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



26.2890, 89.0905, -15.1625



42.3700, -20.8884, 73.3435



58.2000, 9.7614, -51.0414

Complementary

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



26.2890, 89.0905, -15.1625



180.7110, -89.0905, 15.1625

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



26.2890, 89.0905, -15.1625



54.9100, -27.0706, 2.7099

Square

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



26.2890, 89.0905, -15.1625



51.7270, -25.5014, 106.3564



45.7860, -22.5725, -40.1543



70.5800, 47.0421, -61.8987

Rectangle

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



26.2890, 89.0905, -15.1625



65.3600, 4.7525, 109.3093



45.7860, -22.5725, -40.1543



54.0790, -3.4899, -47.4273

Sweetspot

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



26.2890, 89.0905, -15.1625



188.5610, 32.7544, -5.7540



140.9980, 32.5390, -123.6552



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.



26.2890, 89.0905, -15.1625



32.3590, 109.7620, -18.7318



56.4880, 74.2024, 46.9300



95.5530, 4.6574, -0.4850



21.2450, 72.3502, -12.4929



5.2720, 17.6139, -2.8695

Inverse Universe

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



84.4650, 55.9728, 107.4632



104.0610, 68.9899, 132.3735



150.5120, -74.2024, -46.9300



98.4290, 2.7465, 5.7628



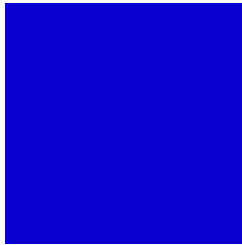
68.5860, 45.5601, 87.1861



16.7050, 10.9914, 21.3067

Previews

White Background



This preview shows how the YUV color 26.2890, 89.0905, -15.1625 looks on a white background.

Color Contrast Check

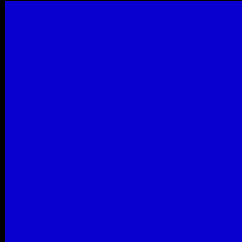
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2890, 89.0905, -15.1625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

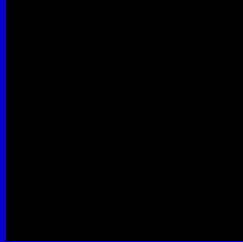
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.2890, 89.0905, -15.1625

Background



This preview shows how black text looks on a background with the YUV color 26.2890, 89.0905, -15.1625.



This preview shows how white text looks on a background with the YUV color 26.2890, 89.0905,

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

50.2850, 37.8205, -44.0999

Deuteranopia

50.3530, 27.9270, -44.1596

Tritanopia

49.4120, 11.6289, -43.3343

Trichromacy



Protanomaly

41.5740, 56.4120, -33.8294

Deuteranomaly

41.2660, 50.1549, -33.5593

Tritanomaly

41.2200, 39.8245, -33.5189

Monochromacy



Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.4470, 32.3176, -5.6540

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.2890, 89.0905, -15.1625 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(9, 0, 207)` looks like.

```
.text, #text, p{  
    color:rgb(9, 0, 207)  
}
```

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(9, 0, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 0, 207) }
```

Border

The CSS property to change the border of an element to YUV 26.2890, 89.0905, -15.1625 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(9, 0, 207) }
```

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

```
.border{ border-color:rgb(9, 0, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 0, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 0, 207); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 0, 207); box-shadow:4px  
4px 4px 4px rgb(9, 0, 207) }
```


Background

The CSS property to change the background color of an element to YUV 26.2890, 89.0905, -15.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 0, 207) }
```

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

```
.background{ background-color: rgb(9, 0,  
207) }
```

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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