

Converting Colors

YUV(29.2080, 88.6375, -9.8294)

Have a look what the booklet for
YUV(29.2080, 88.6375, -9.8294)
contains.

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Color

**YUV(29.2080, 88.6375,
-9.8294)**

Conversions

Conversions Part 1

Format	Color
Hex	1200D1
RGB	18, 0, 209
RGB Percent	7%, 0%, 82%
CMY	0.9294, 1.0000, 0.1804
CMYK	0.91, 1.00, 0.00, 0.18
HSL	245°, 100%, 41%
HSV	245°, 100%, 82%
XYZ	11.7581, 4.7320, 60.6153
YIQ	29.2080, -56.3610, 68.8150

Conversions

Conversions Part 2

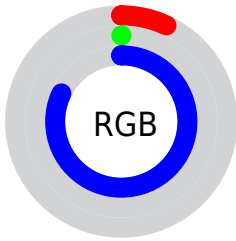
Format	Color
R_{YB}	18, 0, 209
Decimal	1179857
CIE _{Lab}	25.96, 68.29, -92.19
CIE _{LCh}	26, 114.723, 306.528
Yxy	4.7320, 0.1525, 0.0614
Android (android.graphics.Color)	4279369937 (0xFF1200D1)
YUV	29.2080, 88.6375, -9.8294
Hunter-Lab	21.7533, 58.4146, -149.9837

Details

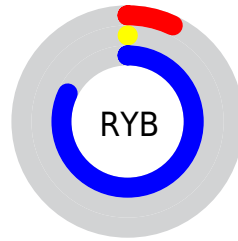
The YUV color **29.2080, 88.6375, -9.8294** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **179.7920, -88.6375, 9.8294**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.4140, 76.2109, 9.2839**, and **17.4420, 66.8301, -15.2966** is the 20% darker color. If you saturate the color by 10%, you get **29.2080, 88.6375, -9.8294**, and if you desaturate by 10%, it is **47.2160, 79.7595, -8.9594**.

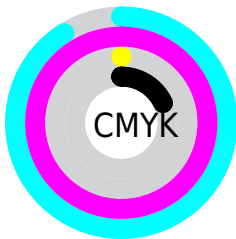
Distribution



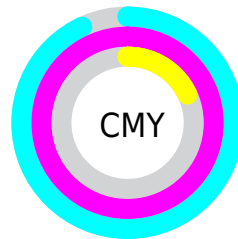
- Red (7%)
- Green (0%)
- Blue (82%)



- Red (7%)
- Yellow (0%)
- Blue (82%)



- Cyan (91%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)



- Cyan (93%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.2080, 88.6375, -9.8294 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 29.2080, 88.6375, -9.8294 by changing the saturation by 10% instead.

■ 29.2080, 88.6375,
-9.8294

■ 29.2080, 88.6375,
-9.8294

■ 255.0000, 0.0000,
0.0000

■ 20.5200, 78.6236,
-17.9960

■ 100.4140, 76.2109,
9.2839

■ 17.4420, 66.8301,
-15.2966

■ 125.8420, 63.6749,
16.8016

■ 14.3640, 55.0365,
-12.5972

■ 151.2590, 51.1443,
22.5749

■ 17.1560, 40.3491,
-15.0458

■ 176.6760, 38.6137,
28.3481

■ 13.7190, 29.7185,
-12.0316

■ 202.6800, 25.7938,
33.6066

■ 8.1620, 21.1191,
-7.1581

■ 223.3020, 15.6271,

■ 4.4800, 12.0884,

27.7991

-3.9290

240.3250, 7.2348,
12.8700

0.0000, 0.0000,
0.0000

29.2080, 88.6375,
-9.8294

47.2160, 79.7595,
-8.9594

65.2240, 70.8816,
-8.0894

83.2320, 62.0036,
-7.2195

101.2400, 53.1257,
-6.3495

119.2480, 44.2477,
-5.4795

■ 136.9680, 35.5118,
-3.4799

■ 154.9760, 26.6338,
-2.6100

■ 172.9840, 17.7559,
-1.7400

■ 190.9920, 8.8779,
-0.8700

Harmonies

Analogous

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



72.6560, 85.4586, -63.7193



29.2080, 88.6375, -9.8294



65.5080, 33.7666, 89.8855

Triad

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



29.2080, 88.6375, -9.8294



43.8430, -21.6146, 72.9287



59.6020, 10.0562, -52.2710

Complementary

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



29.2080, 88.6375, -9.8294



179.7920, -88.6375, 9.8294

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.



48.7210, -24.0195, -42.7283



29.2080, 88.6375, -9.8294



56.3830, -27.7968, 2.2951

Square

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



29.2080, 88.6375, -9.8294



52.3250, -25.7962, 107.5860



46.3730, -22.8619, -40.6691



71.3950, 47.6263, -62.6134

Rectangle

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



29.2080, 88.6375, -9.8294



66.0720, 4.8945, 110.4389



46.3730, -22.8619, -40.6691



55.4810, -3.1951, -48.6568

Sweetspot

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



29.2080, 88.6375, -9.8294



189.4580, 32.3122, -3.9097



136.5300, 35.7277, -119.7368



88.4400, 19.5031, -2.1399



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.



29.2080, 88.6375, -9.8294



35.6480, 108.1405, -11.9693



60.3040, 73.3071, 54.1074



95.5530, 4.6574, -0.4850



23.3380, 71.3184, -8.1894



5.8700, 17.3191, -1.6400

Inverse Universe

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



84.2650, 52.6204, 109.3926



102.8070, 64.1851, 133.4733



148.6960, -73.3071, -54.1074



98.4290, 2.7465, 5.7628



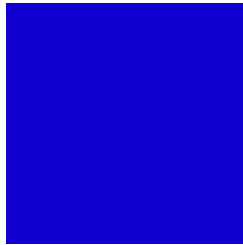
67.7880, 42.5025, 87.8859



16.4770, 10.1178, 21.5067

Previews

White Background



This preview shows how the YUV color 29.2080, 88.6375, -9.8294 looks on a white background.

Color Contrast Check

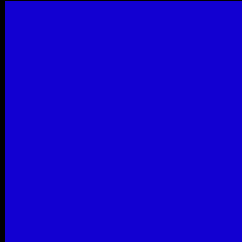
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2080, 88.6375, -9.8294 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 29.2080, 88.6375, -9.8294

Background



This preview shows how black text looks on a background with the YUV color 29.2080, 88.6375, -9.8294.



This preview shows how white text looks on a background with the YUV color 29.2080, 88.6375,

-9.8294.

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

50.5130, 38.6941, -44.2999

Deuteranopia

51.1680, 28.5112, -44.8743

Tritanopia

50.1130, 11.7763, -43.9491

Trichromacy



Protanomaly

42.9980, 56.6960, -31.5702

Deuteranomaly

43.2770, 50.1494, -31.8149

Tritanomaly

42.5300, 39.6717, -31.1598

Monochromacy



Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.7570, 32.1648, -3.2949

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.2080, 88.6375, -9.8294 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(18, 0, 209)` looks like.

```
.text, #text, p{  
    color:rgb(18, 0, 209)  
}
```

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(18, 0, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 0, 209) }
```

Border

The CSS property to change the border of an element to YUV 29.2080, 88.6375, -9.8294 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(18, 0, 209) }
```

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

```
.border{ border-color:rgb(18, 0, 209) }
```

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

Here you see how a box with a 4 pixel rgb(18, 0, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 0, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 0, 209);  
box-shadow:4px 4px 4px 4px rgb(18, 0, 209)  
}
```


Background

The CSS property to change the background color of an element to YUV 29.2080, 88.6375, -9.8294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 0, 209) }
```

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

```
.background{ background-color: rgb(18, 0,  
209) }
```

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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