

Converting Colors

YUV(33.2980, 92.0441,
-29.2023)

Have a look what the booklet for
YUV(33.2980, 92.0441, -29.2023)
contains.

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Color

**YUV(33.2980, 92.0441,
-29.2023)**

Conversions

Conversions Part 1

Format	Color
Hex	000EDC
RGB	0, 14, 220
RGB Percent	0%, 5%, 86%
CMY	1.0000, 0.9451, 0.1373
CMYK	1.00, 0.94, 0.00, 0.14
HSL	236°, 100%, 43%
HSV	236°, 100%, 86%
XYZ	13.0753, 5.4814, 68.0790
YIQ	33.2980, -74.4700, 61.0980

Conversions

Conversions Part 2

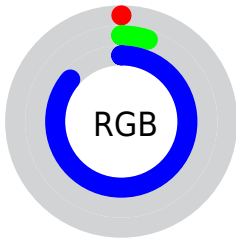
Format	Color
RYB	0, 13, 220
Decimal	3804
CIELab	28.06, 68.18, -95.05
CIELCh	28, 116.972, 305.653
Yxy	5.4814, 0.1509, 0.0633
Android (android.graphics.Color)	4278193884 (0xFF000EDC)
YUV	33.2980, 92.0441, -29.2023
Hunter-Lab	23.4124, 58.7169, -156.0163

Details

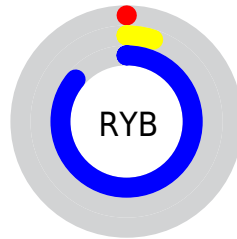
The YUV color **33.2980, 92.0441, -29.2023** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **186.7020, -92.0441, 29.2023**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.5230, 74.1852, 5.6803**, and **18.5820, 71.1981, -16.2964** is the 20% darker color. If you saturate the color by 10%, you get **33.2980, 92.0441, -29.2023**, and if you desaturate by 10%, it is **52.2030, 82.7239, -26.4880**.

Distribution



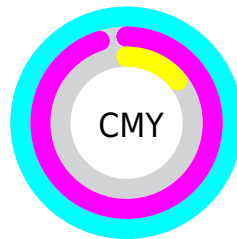
- Red (0%)
- Green (5%)
- Blue (86%)



- Red (0%)
- Yellow (5%)
- Blue (86%)



- Cyan (100%)
- Magenta (94%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (95%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.2980, 92.0441, -29.2023 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 33.2980, 92.0441, -29.2023 by changing the saturation by 10% instead.

■ 33.2980, 92.0441,
-29.2023

■ 33.2980, 92.0441,
-29.2023

■ 255.0000, 0.0000,
0.0000

■ 21.7740, 83.4284,
-19.0958

■ 104.5230, 74.1852,
5.6803

■ 18.5820, 71.1981,
-16.2964

■ 129.9510, 61.6492,
13.1980

■ 15.5040, 59.4045,
-13.5970

■ 155.6670, 48.9712,
19.5860

■ 16.5350, 45.5852,
-14.5012

■ 181.0840, 36.4406,
25.3593

■ 16.0330, 33.5077,
-14.0609

■ 207.0880, 23.6206,
30.6178


■ 10.2480, 24.0347,
-8.9875


■ 227.4110, 13.6014,


■ 5.3920, 15.5827,


24.1956


-4.7288


 244.4340, 5.2090,
9.2664


 2.0690, 5.3890,
-1.8145

 0.0000, 0.0000,
0.0000

 33.2980, 92.0441,
-29.2023

 52.2030, 82.7239,
-26.4880

 70.5210, 73.6931,
-23.2589

 89.4260, 64.3730,
-20.5446

 107.7440, 55.3422,
-17.3155

■ 126.6490, 46.0220,
-14.6012

■ 145.5540, 36.7019,
-11.8869

■ 163.8720, 27.6711,
-8.6577

■ 182.7770, 18.3509,
-5.9434

■ 201.0950, 9.3202,
-2.7143

Harmonies

Analogous

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



76.6170, 87.9428, -67.1931



33.2980, 92.0441, -29.2023



68.6270, 36.6659, 93.2891

Triad

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



33.2980, 92.0441, -29.2023



47.4200, -23.3781, 78.5617



62.7650, 9.4829, -55.0449

Complementary

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



33.2980, 92.0441, -29.2023



186.7020, -92.0441, 29.2023

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.



52.2430, -25.7558, -45.8171



33.2980, 92.0441, -29.2023



61.1230, -30.1336, 5.1541

Square

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



33.2980, 92.0441, -29.2023



55.3150, -27.2703, 113.7337



49.3080, -24.3088, -43.2431



75.4870, 48.0739, -66.2021

Rectangle

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



33.2980, 92.0441, -29.2023



69.6750, 7.0622, 115.1720



49.3080, -24.3088, -43.2431



59.1170, -4.4947, -51.8456

Sweetspot

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



33.2980, 92.0441, -29.2023



190.0120, 32.0391, -9.6575



152.5100, 25.8776, -133.7513



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.



33.2980, 92.0441, -29.2023



38.4620, 106.7532, -33.7312



53.4850, 82.0919, 36.4087



100.2540, 4.8048, -1.0998



26.1790, 72.3828, -22.9590



7.0050, 19.2245, -6.1434

Inverse Universe

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



67.3760, -26.3144, 133.8512



78.0690, -30.6000, 155.1685



166.5150, -82.0919, -36.4087



102.2890, -1.6215, 6.7625



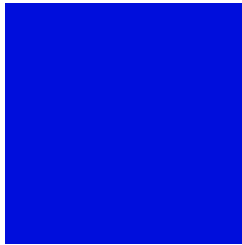
52.9810, -20.6966, 105.2567



14.0960, -5.4703, 27.9798

Previews

White Background



This preview shows how the YUV color 33.2980, 92.0441, -29.2023 looks on a white background.

Color Contrast Check

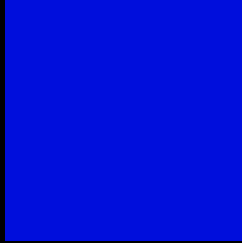
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.2980, 92.0441, -29.2023 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 33.2980, 92.0441, -29.2023

Background



This preview shows how black text looks on a background with the YUV color 33.2980, 92.0441, -29.2023.



This preview shows how white text looks on a background with the YUV color 33.2980, 92.0441, -29.2023.

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

33.2980, 92.0441, -29.2023

Protanopia

53.6590, 40.5941, -47.0589

Deuteranopia

53.6130, 30.2638, -47.0186



Tritanopia

52.9170, 12.3659, -46.4082

Trichromacy



Original Color

33.2980, 92.0441, -29.2023

Protanomaly

46.0400, 59.6333, -40.3771

Deuteranomaly

46.2050, 52.6499, -40.5218

Tritanomaly

45.9310, 41.4460, -40.2815

Monochromacy



Original Color

33.2980, 92.0441, -29.2023

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.0550, 33.4969, -10.5722

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.2980, 92.0441, -29.2023 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(0, 14, 220)` looks like.

```
.text, #text, p{  
    color:rgb(0, 14, 220)  
}
```

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(0, 14, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 14, 220) }
```

Border

The CSS property to change the border of an element to YUV 33.2980, 92.0441, -29.2023 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(0, 14, 220) }
```


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

```
.border{ border-color:rgb(0, 14, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 14, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 14, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 14, 220);  
box-shadow:4px 4px 4px 4px rgb(0, 14, 220)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.2980, 92.0441, -29.2023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 14, 220) }
```

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

```
.background{ background-color: rgb(0, 14,  
220) }
```

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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