

Converting Colors

YUV(29.9030, 74.4908, 0.9621)

Have a look what the booklet for
YUV(29.9030, 74.4908, 0.9621)
contains.

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Color

**YUV(29.9030, 74.4908,
0.9621)**

Conversions

Conversions Part 1

Format	Color
Hex	1F00B5
RGB	31, 0, 181
RGB Percent	12%, 0%, 71%
CMY	0.8784, 1.0000, 0.2902
CMYK	0.83, 1.00, 0.00, 0.29
HSL	250°, 100%, 35%
HSV	250°, 100%, 71%
XYZ	8.9056, 3.6275, 43.9469
YIQ	29.9030, -39.6250, 62.8630

Conversions

Conversions Part 2

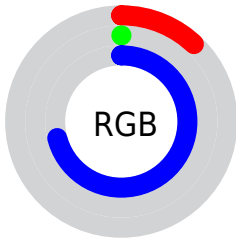
Format	Color
RYB	31, 0, 181
Decimal	2031797
CIELab	22.40, 61.58, -81.60
CIELCh	22, 102.227, 307.042
Yxy	3.6275, 0.1577, 0.0642
Android (android.graphics.Color)	4280221877 (0xFF1F00B5)
YUV	29.9030, 74.4908, 0.9621
Hunter-Lab	19.0460, 50.1328, -123.4739

Details

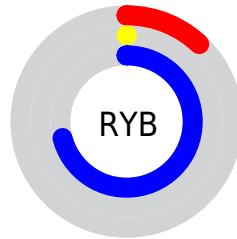
The YUV color **29.9030, 74.4908, 0.9621** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **151.0970, -74.4908, -0.9621**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.2310, 70.3851, 11.1984**, and **14.3640, 55.0365, -12.5972** is the 20% darker color. If you saturate the color by 10%, you get **29.9030, 74.4908, 0.9621**, and if you desaturate by 10%, it is **44.9540, 67.0707, 0.9173**.

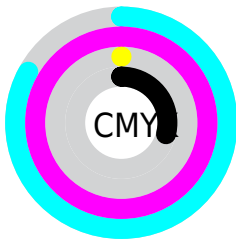
Distribution



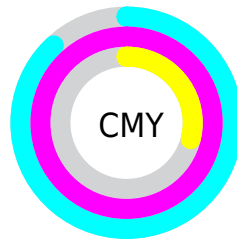
- Red (12%)
- Green (0%)
- Blue (71%)



- Red (12%)
- Yellow (0%)
- Blue (71%)



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (88%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.9030, 74.4908, 0.9621 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 29.9030, 74.4908, 0.9621 by changing the saturation by 10% instead.

■ 29.9030, 74.4908,
0.9621

■ 29.9030, 74.4908,
0.9621

■ 254.4130, 0.2894,
0.5148

■ 17.4420, 66.8301,
-15.2966

■ 95.2310, 70.3851,
11.1984

■ 14.3640, 55.0365,
-12.5972

■ 121.9990, 65.5695,
15.7869

■ 11.4000, 43.6798,
-9.9978

■ 147.1170, 53.1863,
20.9454

■ 13.8330, 30.1553,
-12.1315

■ 171.3490, 41.2399,
26.0039

■ 8.1620, 21.1191,
-7.1581

■ 197.0540, 28.5674,
30.6476

■ 4.4800, 12.0884,
-3.9290

■ 220.3670, 17.0741,

■ 0.0000, 0.0000,

30.3731

0.0000

■ 236.8030, 8.9711,
15.9588

■ 29.9030, 74.4908,
0.9621

■ 44.9540, 67.0707,
0.9173

■ 60.0050, 59.6505,
0.8726

■ 75.0560, 52.2304,
0.8279

■ 90.1070, 44.8102,
0.7832

■ 105.7450, 37.1007,
0.2236

■ 120.7960, 29.6806,
0.1789

■ 135.8470, 22.2604,
0.1342

■ 150.8980, 14.8403,
0.0895

■ 165.9490, 7.4201,
0.0447

Harmonies

Analogous

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



62.5510, 74.6644, -54.8572



29.9030, 74.4908, 0.9621



57.3620, 28.4155, 79.4895

Triad

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



29.9030, 74.4908, 0.9621



41.4070, -20.4137, 61.0331



52.1190, 9.3083, -45.7084

Complementary

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



29.9030, 74.4908, 0.9621



151.0970, -74.4908, -0.9621

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.



42.8510, -21.1255, -37.5803



29.9030, 74.4908, 0.9621



48.9960, -24.1550, 0.8805

Square

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



29.9030, 74.4908, 0.9621



45.4480, -22.4059, 93.4461



40.5030, -19.9680, -35.5211



62.5440, 41.6368, -54.8511

Rectangle

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



29.9030, 74.4908, 0.9621



57.6420, 3.6275, 96.7840



40.5030, -19.9680, -35.5211



48.4540, -2.1958, -42.4942

Sweetspot

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



29.9030, 74.4908, 0.9621



175.6820, 29.2438, 0.2789



109.2710, 35.3624, -95.8307



81.8810, 17.3137, 0.1044



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.9030, 74.4908, 0.9621



38.7500, 96.7512, 1.0962



56.8130, 61.2242, 56.2920



81.6240, 3.6364, 0.3298



25.2160, 62.9975, 0.6876



4.1600, 10.7671, -0.1403

Inverse Universe

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



71.2190, 38.8390, 96.2779



92.3810, 50.0982, 125.0769



124.1870, -61.2242, -56.2920



83.6030, 2.1677, 4.7332



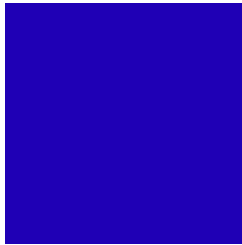
60.2250, 32.9201, 81.3637



10.1680, 5.3402, 13.8847

Previews

White Background



This preview shows how the YUV color 29.9030, 74.4908, 0.9621 looks on a white background.

Color Contrast Check

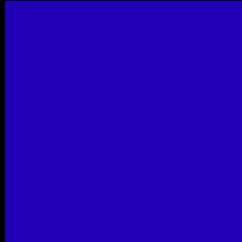
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9030, 74.4908, 0.9621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

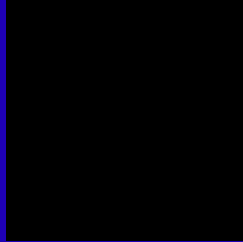
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.9030, 74.4908, 0.9621

Background



This preview shows how black text looks on a background with the YUV color 29.9030, 74.4908, 0.9621.



This preview shows how white text looks on a background with the YUV color 29.9030, 74.4908,

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

44.6940, 34.1679, -39.1966

Deuteranopia

45.1040, 25.5847, -39.5562

Tritanopia

44.5050, 10.5970, -39.0309

Trichromacy



Protanomaly

38.9790, 48.8174, -24.5376

Deuteranomaly

39.6000, 43.5812, -25.0822

Tritanomaly

39.0810, 33.9771, -24.6270

Monochromacy



Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.8130, 27.2072, 0.1640

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.9030, 74.4908, 0.9621 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(31, 0, 181)` looks like.

```
.text, #text, p{  
    color:rgb(31, 0, 181)  
}
```

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(31, 0, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 0, 181) }
```

Border

The CSS property to change the border of an element to YUV 29.9030, 74.4908, 0.9621 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(31, 0, 181) }
```

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

```
.border{ border-color:rgb(31, 0, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 0, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 0, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 0, 181);  
box-shadow:4px 4px 4px 4px rgb(31, 0, 181)  
}
```


Background

The CSS property to change the background color of an element to YUV 29.9030, 74.4908, 0.9621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 0, 181) }
```

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

```
.background{ background-color: rgb(31, 0,  
181) }
```

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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