

Converting Colors

XYZ(29.1030, 16.5532, 96.2689)

Have a look what the booklet for
XYZ(29.1030, 16.5532, 96.2689)
contains.

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Color

**XYZ(29.1030, 16.5532,
96.2689)**

Conversions

Conversions Part 1

Format	Color
Hex	7E4AFF
RGB	126, 74, 255
RGB Percent	49%, 29%, 100%
CMY	0.5059, 0.7098, 0.0000
CMYK	0.51, 0.71, 0.00, 0.00
HSL	257°, 100%, 65%
HSV	257°, 71%, 100%
XYZ	29.1030, 16.5532, 96.2689
YIQ	110.1820, -27.1090, 67.3150

Conversions

Conversions Part 2

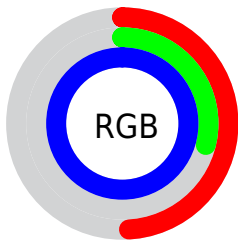
Format	Color
R _Y B	126, 74, 255
Decimal	8276735
CIE Lab	47.69, 62.47, -82.14
CIE LCh	48, 103.199, 307.253
Yxy	16.5532, 0.2051, 0.1166
Android (android.graphics.Color)	4286466815 (0xFF7E4AFF)
YUV	110.1820, 71.3953, 13.8724
Hunter-Lab	40.6856, 56.4837, -111.8100

Details

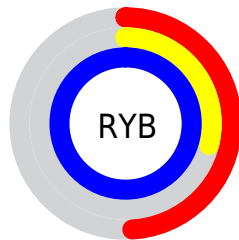
The XYZ color **29.1030, 16.5532, 96.2689** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **61.6228, 84.7100, 19.5813**, and the grayscale version is **14.6811, 15.4457, 16.8204**.

A 20% lighter version of the original color is **46.3784, 33.0901, 98.5504**, and **11.9817, 5.3337, 53.2213** is the 20% darker color. If you saturate the color by 10%, you get **25.2916, 12.5527, 95.6976**, and if you desaturate by 10%, it is **34.0923, 22.1841, 97.0928**.

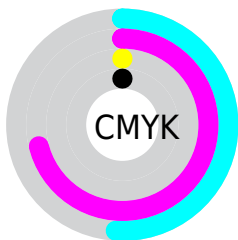
Distribution



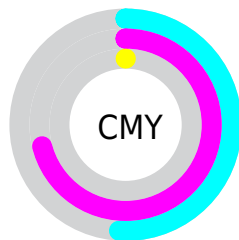
- Red (49%)
- Green (29%)
- Blue (100%)



- Red (49%)
- Yellow (29%)
- Blue (100%)



- Cyan (51%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1030, 16.5532, 96.2689 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 XYZ color 29.1030, 16.5532, 96.2689 by changing the saturation by 10% instead.

■ 29.1030, 16.5532,
96.2689

■ 29.1030, 16.5532,
96.2689

289.6861,
232.5843, 569.3071

■ 19.3034, 9.9165,
72.5888

■ 57.6371, 37.5560,
158.0271

■ 11.9950, 5.3436,
53.1500

■ 77.1024, 52.6908,
196.9423

■ 6.8125, 2.4502,
37.5340

■ 100.5202, 71.4270,
241.7730

■ 3.3904, 0.8516,
25.3222

■ 128.2561, 94.1492,
292.9376

■ 1.3634, 0.0000,
16.0961

■ 160.6752,
121.2416, 350.8548

■ 0.2299, 0.0000,
9.4371

198.1430,

■ 0.0000, 0.0000,

153.0886, 415.9431

4.9267

241.0248,
190.0747, 488.6210

■ 0.0000, 0.0000,
2.1463

■ 0.0000, 0.0000,
0.6431

■ 29.1030, 16.5532,
96.2689

■ 29.1030, 16.5532,
96.2689

■ 25.2916, 12.5527,
95.6976

■ 34.0923, 22.1841,
97.0928

■ 22.5398, 9.9894,
95.3479

■ 40.3556, 29.6055,
98.1952

■ 20.8181, 8.6470,
95.1795

■ 47.9813, 38.9590,
99.5987

■ 57.0486, 50.3715,
101.3236

67.6305, 63.9587,
103.3885

79.7948, 79.8278,
105.8104

93.6050, 98.0787,
108.6053

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



18.0814, 16.5532, 130.0260



29.1030, 16.5532, 96.2689



38.4241, 16.5532, 45.6758

Triad

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



29.1030, 16.5532, 96.2689



23.6393, 16.5532, 0.0000



3.8800, 16.5532, 25.2302

Complementary

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



29.1030, 16.5532, 96.2689



61.6228, 84.7100, 19.5813

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.



4.3875, 16.5532, 4.6505



29.1030, 16.5532, 96.2689



13.5979, 16.5532, 0.0000

Square

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



29.1030, 16.5532, 96.2689



34.5032, 16.5532, 1.4443



7.2516, 16.5532, 0.0059



5.4148, 16.5532, 69.5996

Rectangle

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



29.1030, 16.5532, 96.2689



40.9429, 16.5532, 20.5702



7.2516, 16.5532, 0.0059



3.8324, 16.5532, 15.6964

Sweetspot

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



29.1039, 16.5536, 96.2690



67.6084, 63.9301, 103.3841



42.3996, 51.7269, 102.3573



13.8125, 12.8330, 21.9990



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



29.1039, 16.5536, 96.2690



24.0653, 11.3618, 95.5324



48.7537, 26.6835, 97.1886



17.4932, 17.6305, 22.7310



11.0044, 4.5835, 49.7393



1.1737, 0.4990, 4.8477

Inverse Universe

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



54.4675, 30.4690, 59.5061



51.5357, 26.5001, 52.6881



43.8339, 75.5395, 18.7488



18.5571, 18.2061, 21.5507



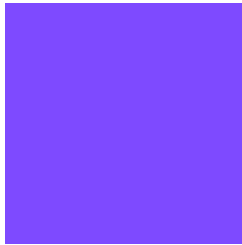
26.0140, 12.8949, 24.5218



2.5802, 1.2744, 2.6365

Previews

White Background



This preview shows how the XYZ color 29.1030, 16.5532, 96.2689 looks on a white background.

Color Contrast Check

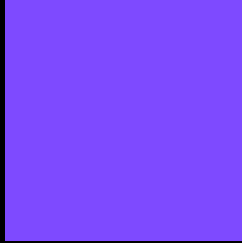
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.1030, 16.5532, 96.2689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

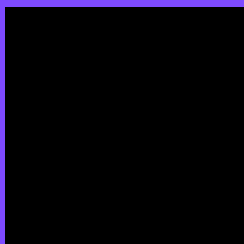
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.1030, 16.5532, 96.2689

Background



This preview shows how black text looks on a background with the XYZ color 29.1030, 16.5532, 96.2689.



This preview shows how white text looks on a background with the XYZ color 29.1030, 16.5532,

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

29.1030, 16.5532, 96.2689

Protanopia

19.6115, 16.5944, 76.2981

Deuteranopia

16.4384, 16.5680, 55.7576



Tritanopia

14.2166, 16.3296, 22.4813

Trichromacy



Original Color

29.1030, 16.5532, 96.2689



Protanomaly

20.7422, 15.1196, 82.7141



Deuteranomaly

18.5666, 15.0027, 68.9351



Tritanomaly

17.7732, 15.1881, 42.0393

Monochromacy



Original Color

29.1030, 16.5532, 96.2689



Achromatopsia

14.8208, 15.5926, 16.9804



Achromatomaly

18.0880, 14.9067, 36.5743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1030, 16.5532, 96.2689 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(126, 74, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 74, 255)  
}
```

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(126, 74, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 74, 255) }
```

Border

The CSS property to change the border of an element to XYZ 29.1030, 16.5532, 96.2689 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(126, 74, 255) }
```


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

```
.border{ border-color:rgb(126, 74, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 74, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 74, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 74, 255);  
box-shadow:4px 4px 4px 4px rgb(126, 74,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1030, 16.5532, 96.2689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 74, 255) }
```

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

```
.background{ background-color: rgb(126, 74,  
255) }
```

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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