

Converting Colors

XYZ(26.5032, 16.1675, 74.6585)

Have a look what the booklet for
XYZ(26.5032, 16.1675, 74.6585)
contains.

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Color

**XYZ(26.4926, 16.2063,
74.4049)**

Conversions

Conversions Part 1

Format	Color
Hex	864FE3
RGB	134, 79, 227
RGB Percent	53%, 31%, 89%
CMY	0.4745, 0.6902, 0.1098
CMYK	0.41, 0.65, 0.00, 0.11
HSL	262°, 73%, 60%
HSV	262°, 65%, 89%
XYZ	26.4926, 16.2063, 74.4049
YIQ	112.3170, -14.7280, 57.6880

Conversions

Conversions Part 2

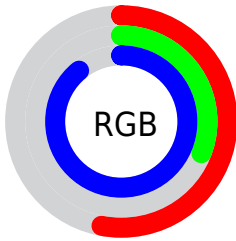
Format	Color
R_{YB}	134, 79, 227
Decimal	8802275
CIE _{Lab}	47.24, 54.01, -67.12
CIE _{LCh}	47, 86.151, 308.822
Yxy	16.2063, 0.2262, 0.1384
Android (android.graphics.Color)	4286992355 (0xFF864FE3)
YUV	112.3170, 56.5387, 19.0160
Hunter-Lab	40.2570, 47.0185, -81.4025

Details

The XYZ color **26.4926, 16.2063, 74.4049** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **45.8932, 64.2733, 17.3845**, and the grayscale version is **15.3370, 16.1357, 17.5717**.

A 20% lighter version of the original color is **48.1586, 34.7901, 98.7847**, and **10.5493, 5.1820, 38.4744** is the 20% darker color. If you saturate the color by 10%, you get **23.0038, 12.3782, 73.8502**, and if you desaturate by 10%, it is **30.8485, 21.3110, 75.1610**.

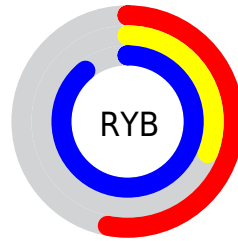
Distribution



Red (53%)

Green (31%)

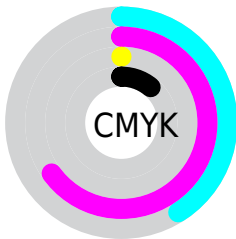
Blue (89%)



Red (53%)

Yellow (31%)

Blue (89%)

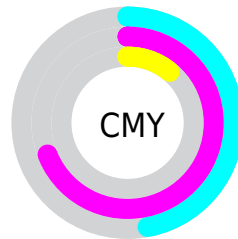


Cyan (41%)

Magenta (65%)

Yellow (0%)

Black (11%)



Cyan (47%)

Magenta (69%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4926, 16.2063, 74.4049 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 26.4926, 16.2063, 74.4049 by changing the saturation by 10% instead.

■ 26.4926, 16.2063,
74.4049

■ 26.4926, 16.2063,
74.4049

277.4045,
230.5560, 495.0704

■ 17.3271, 9.6703,
54.6267

■ 53.4942, 36.9560,
127.2090

■ 10.5647, 5.1809,
38.7064

■ 72.0611, 51.9384,
161.0719

■ 5.8401, 2.3538,
26.2253

■ 94.4925, 70.5051,
200.4668

■ 2.7878, 0.8020,
16.7650

■ 121.1537, 93.0404,
245.8123

■ 1.0426, 0.0000,
9.9069

■ 152.4102,
119.9288, 297.5269

■ 0.0000, 0.0000,
5.2325

188.6272,

■ 0.0000, 0.0000,

151.5545, 356.0290

2.3232

230.1702,
188.3022, 421.7373

■ 0.0000, 0.0000,
0.7442

■ 0.0000, 0.0000,
0.0000

■ 26.4926, 16.2063,
74.4049

■ 26.4926, 16.2063,
74.4049

■ 23.0038, 12.3782,
73.8502

■ 30.8485, 21.3110,
75.1610

■ 20.3077, 9.6996,
73.4753

■ 36.1317, 27.7992,
76.1349

■ 18.3191, 8.0181,
73.2556

■ 42.3995, 35.7680,
77.3427

■ 17.5540, 7.4477,
73.1858

■ 49.7033, 45.3050,
78.7985

■ 58.0910, 56.4908,
80.5155

■ 67.6070, 69.4006,
82.5058

■ 78.2934, 84.1047,
84.7808

■ 88.3769, 97.0433,
86.7467

■ 90.8652, 98.3261,
86.8632

Harmonies

Analogous

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



17.7537, 16.2063, 99.6410



26.4926, 16.2063, 74.4049



33.4285, 16.2063, 37.4788

Triad

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



26.4926, 16.2063, 74.4049



21.3048, 16.2063, 0.0785



5.0100, 16.2063, 24.8692

Complementary

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



26.4926, 16.2063, 74.4049



45.8932, 64.2733, 17.3845

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.



5.4047, 16.2063, 6.4385



26.4926, 16.2063, 74.4049



13.2706, 16.2063, 0.0000

Square

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



26.4926, 16.2063, 74.4049



29.8129, 16.2063, 2.2685



7.9423, 16.2063, 1.0027



6.5972, 16.2063, 58.9972

Rectangle

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



26.4926, 16.2063, 74.4049



35.1038, 16.2063, 18.5197



7.9423, 16.2063, 1.0027



4.9301, 16.2063, 16.8000

Sweetspot

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



26.4934, 16.2068, 74.4053



70.0601, 66.0864, 103.6711



31.9823, 36.9936, 78.1283



14.3464, 13.2815, 22.0574



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.



26.4934, 16.2068, 74.4053



28.6780, 14.8055, 95.9540



42.4681, 24.4421, 75.1529



14.0863, 14.1467, 18.1325



10.3558, 4.4045, 42.6875



0.8652, 0.3770, 3.1591

Inverse Universe

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



41.9209, 24.9015, 41.6254



51.0077, 27.4375, 46.3667



33.9971, 58.1407, 16.8277



14.7560, 14.5196, 16.9156



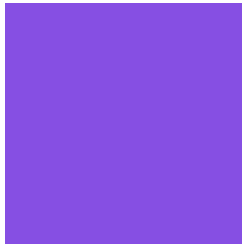
21.4087, 10.6977, 16.3129



1.6266, 0.8083, 1.4401

Previews

White Background



This preview shows how the XYZ color 26.4926, 16.2063, 74.4049 looks on a white background.

Color Contrast Check

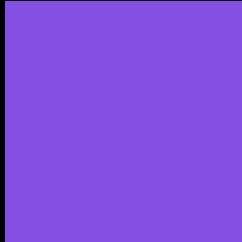
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4926, 16.2063, 74.4049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

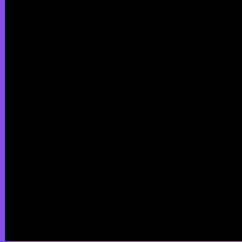
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.4926, 16.2063, 74.4049

Background



This preview shows how black text looks on a background with the XYZ color 26.4926, 16.2063, 74.4049.



This preview shows how white text looks on a background with the XYZ color 26.4926, 16.2063,

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

26.4926, 16.2063, 74.4049

Protanopia

19.5054, 16.3823, 76.2628

Deuteranopia

16.3261, 16.1581, 56.2912



Tritanopia

15.5050, 16.0399, 20.0481

Trichromacy



Original Color

26.4926, 16.2063, 74.4049



Protanomaly

19.5449, 14.8038, 75.2261



Deuteranomaly

17.4289, 14.5638, 62.2141



Tritanomaly

18.3276, 15.3488, 34.7975

Monochromacy



Original Color

26.4926, 16.2063, 74.4049



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

18.1356, 15.4405, 32.5963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4926, 16.2063, 74.4049 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(134, 79, 227)` looks like.

```
.text, #text, p{  
    color:rgb(134, 79, 227)  
}
```

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(134, 79, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 79, 227) }
```

Border

The CSS property to change the border of an element to XYZ 26.4926, 16.2063, 74.4049 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(134, 79, 227) }
```


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

```
.border{ border-color:rgb(134, 79, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 79, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 79, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 79, 227);  
box-shadow:4px 4px 4px 4px rgb(134, 79,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4926, 16.2063, 74.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 79, 227) }
```

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

```
.background{ background-color: rgb(134, 79,  
227) }
```

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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