

Converting Colors

XYZ(27.0882, 16.8361, 76.1499)

Have a look what the booklet for
XYZ(27.0882, 16.8361, 76.1499)
contains.

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Color

**XYZ(26.9917, 16.7601,
75.9411)**

Conversions

Conversions Part 1

Format	Color
Hex	8652E5
RGB	134, 82, 229
RGB Percent	53%, 32%, 90%
CMY	0.4745, 0.6784, 0.1020
CMYK	0.41, 0.64, 0.00, 0.10
HSL	261°, 74%, 61%
HSV	261°, 64%, 90%
XYZ	26.9917, 16.7601, 75.9411
YIQ	114.3060, -16.1950, 56.7410

Conversions

Conversions Part 2

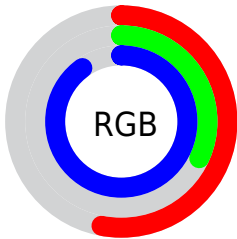
Format	Color
R_{YB}	134, 82, 229
Decimal	8803045
CIE _{Lab}	47.96, 52.98, -67.10
CIE _{LCh}	48, 85.489, 308.293
Yxy	16.7601, 0.2255, 0.1400
Android (android.graphics.Color)	4286993125 (0xFF8652E5)
YUV	114.3060, 56.5441, 17.2716
Hunter-Lab	40.9391, 46.0440, -81.3242

Details

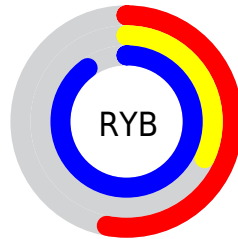
The XYZ color **26.9917, 16.7601, 75.9411** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **47.6733, 65.9949, 18.2085**, and the grayscale version is **15.9258, 16.7551, 18.2464**.

A 20% lighter version of the original color is **48.5674, 35.6077, 98.9209**, and **10.8380, 5.4544, 39.5113** is the 20% darker color. If you saturate the color by 10%, you get **23.3481, 12.7320, 75.3560**, and if you desaturate by 10%, it is **31.5430, 22.1113, 76.7345**.

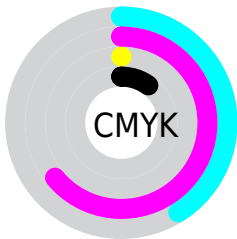
Distribution



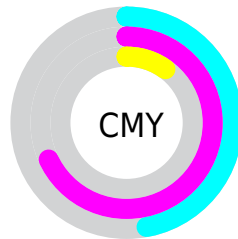
- Red (53%)
- Green (32%)
- Blue (90%)



- Red (53%)
- Yellow (32%)
- Blue (90%)



- Cyan (41%)
- Magenta (64%)
- Yellow (0%)
- Black (10%)



- Cyan (47%)
- Magenta (68%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9917, 16.7601, 75.9411 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 26.9917, 16.7601, 75.9411 by changing the saturation by 10% instead.

■ 26.9917, 16.7601,
75.9411

■ 26.9917, 16.7601,
75.9411

279.7852,
233.7861, 500.4875

■ 17.7035, 10.0636,
55.8778

■ 54.2905, 37.9128,
129.4030

■ 10.8358, 5.4411,
39.7017

■ 73.0319, 53.1379,
163.6387

■ 6.0230, 2.5084,
26.9940

■ 95.6551, 71.9745,
203.4356

■ 2.8998, 0.8808,
17.3363

■ 122.5254, 94.8072,
249.2123

■ 1.1010, 0.0000,
10.3101

■ 154.0082,
122.0203, 301.3873

■ 0.0260, 0.0000,
5.4967

190.4689,

■ 0.0000, 0.0000,

153.9982, 360.3791

2.4778

232.2728,
191.1254, 426.6064

■ 0.0000, 0.0000,
0.8283

■ 0.0000, 0.0000,
0.0000

■ 26.9917, 16.7601,
75.9411

■ 26.9917, 16.7601,
75.9411

■ 23.3481, 12.7320,
75.3560

■ 31.5430, 22.1113,
76.7345

■ 20.5362, 9.8986,
74.9573

■ 37.0640, 28.8940,
77.7527

■ 18.4691, 8.1068,
74.7204

■ 43.6137, 37.2069,
79.0120

■ 17.5373, 7.4070,
74.6344

■ 51.2453, 47.1392,
80.5269

60.0082, 58.7733,
82.3107

69.9483, 72.1858,
84.3756

81.1093, 87.4484,
86.7334

90.1910, 97.9464,
88.2810

91.1429, 98.4372,
88.3256

Harmonies

Analogous

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



18.1647, 16.7601, 100.7090



26.9917, 16.7601, 75.9411



34.0473, 16.7601, 38.8783

Triad

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



26.9917, 16.7601, 75.9411



22.0640, 16.7601, 0.2277



5.3048, 16.7601, 25.0811

Complementary

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



26.9917, 16.7601, 75.9411



47.6733, 65.9949, 18.2085

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.



5.7469, 16.7601, 6.6219



26.9917, 16.7601, 75.9411



13.8865, 16.7601, 0.0000

Square

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



26.9917, 16.7601, 75.9411



30.6222, 16.7601, 2.5596



8.3980, 16.7601, 1.0953



6.8998, 16.7601, 59.2103

Rectangle

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



26.9917, 16.7601, 75.9411



35.8097, 16.7601, 19.5424



8.3980, 16.7601, 1.0953



5.2338, 16.7601, 17.0138

Sweetspot

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



26.9925, 16.7606, 75.9415



70.8984, 67.4257, 103.8855



33.4539, 39.1134, 79.9155



14.4989, 13.5362, 22.0985



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.



26.9925, 16.7606, 75.9415



28.5149, 14.9099, 95.9827



42.8786, 24.9502, 76.6850



14.0615, 14.1339, 18.1313



10.1455, 4.2961, 42.6777



0.8478, 0.3680, 3.1583

Inverse Universe

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



43.2662, 25.8671, 44.3061



51.5999, 27.8776, 48.8588



35.2573, 59.5942, 17.6275



14.7673, 14.5241, 16.9749



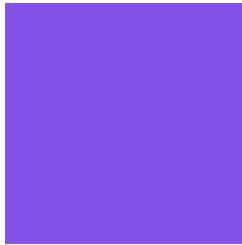
21.5899, 10.7702, 17.2673



1.6392, 0.8134, 1.5064

Previews

White Background



This preview shows how the XYZ color 26.9917, 16.7601, 75.9411 looks on a white background.

Color Contrast Check

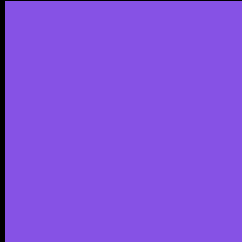
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9917, 16.7601, 75.9411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

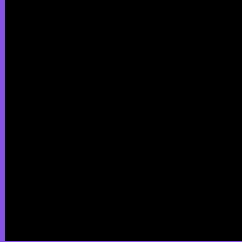
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.9917, 16.7601, 75.9411

Background



This preview shows how black text looks on a background with the XYZ color 26.9917, 16.7601, 75.9411.

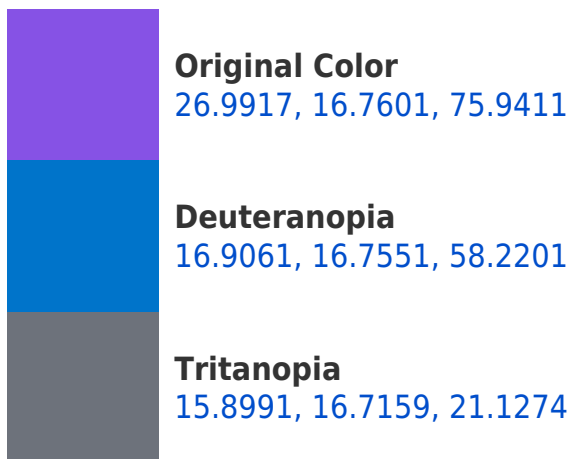


This preview shows how white text looks on a background with the XYZ color 26.9917, 16.7601,

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



Trichromacy



Original Color

26.9917, 16.7601, 75.9411



Deuteranomaly

18.1006, 15.3071, 64.2879



Tritanomaly

18.7442, 15.9629, 36.2756

Monochromacy



Original Color

26.9917, 16.7601, 75.9411



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

18.6373, 15.9680, 33.5523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9917, 16.7601, 75.9411 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, 82, 229)` looks like.

```
.text, #text, p{  
    color:rgb(134, 82, 229)  
}
```

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, 82, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 82, 229) }
```

Border

The CSS property to change the border of an element to XYZ 26.9917, 16.7601, 75.9411 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, 82, 229) }
```

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

```
.border{ border-color:rgb(134, 82, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 82, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 82, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 82, 229); box-shadow:4px 4px 4px 4px rgb(134, 82, 229) }
```


Background

The CSS property to change the background color of an element to XYZ 26.9917, 16.7601, 75.9411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 82, 229) }
```

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

```
.background{ background-color: rgb(134, 82,  
229) }
```

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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