

Converting Colors

XYZ(26.6270, 17.5759, 71.6530)

Have a look what the booklet for
XYZ(26.6270, 17.5759, 71.6530)
contains.

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Color

**XYZ(26.6483, 17.6266,
71.8098)**

Conversions

Conversions Part 1

Format	Color
Hex	855ADF
RGB	133, 90, 223
RGB Percent	52%, 35%, 87%
CMY	0.4784, 0.6471, 0.1255
CMYK	0.40, 0.60, 0.00, 0.13
HSL	259°, 68%, 61%
HSV	259°, 60%, 87%
XYZ	26.6483, 17.6266, 71.8098
YIQ	118.0190, -17.0650, 50.4790

Conversions

Conversions Part 2

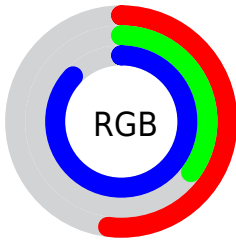
Format	Color
R_{YB}	133, 90, 223
Decimal	8739551
CIE _{Lab}	49.04, 46.91, -61.95
CIE _{LCh}	49, 77.705, 307.131
Yxy	17.6266, 0.2296, 0.1518
Android (android.graphics.Color)	4286929631 (0xFF855ADF)
YUV	118.0190, 51.7556, 13.1383
Hunter-Lab	41.9840, 39.8262, -72.0212

Details

The XYZ color **26.6483, 17.6266, 71.8098** 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 **47.0554, 63.2170, 19.3952**, and the grayscale version is **17.0736, 17.9627, 19.5614**.

A 20% lighter version of the original color is **49.2089, 37.6424, 99.2799**, and **10.6696, 5.8718, 37.1302** is the 20% darker color. If you saturate the color by 10%, you get **22.8280, 13.2715, 71.1709**, and if you desaturate by 10%, it is **31.3765, 23.2874, 72.6536**.

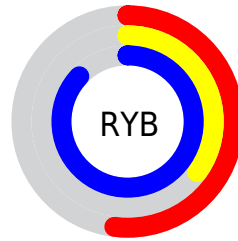
Distribution



Red (52%)

Green (35%)

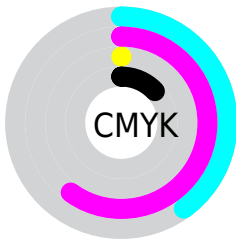
Blue (87%)



Red (52%)

Yellow (35%)

Blue (87%)

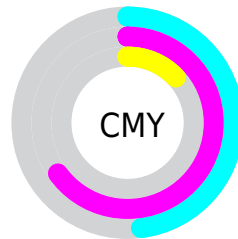


Cyan (40%)

Magenta (60%)

Yellow (0%)

Black (13%)



Cyan (48%)

Magenta (65%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6483, 17.6266, 71.8098 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 26.6483, 17.6266, 71.8098 by changing the saturation by 10% instead.

■ 26.6483, 17.6266,
71.8098

■ 26.6483, 17.6266,
71.8098

278.1489,
238.7579, 485.8390

■ 17.4445, 10.6822,
52.5174

■ 53.7429, 39.4000,
123.4913

■ 10.6492, 5.8536,
37.0326

■ 72.3643, 54.9979,
156.7175

■ 5.8970, 2.7563,
24.9367

■ 94.8557, 74.2490,
195.4254

■ 2.8226, 1.0058,
15.8113

■ 121.5824, 97.5378,
240.0335

■ 1.0607, 0.0000,
9.2378

152.9097,
125.2488, 290.9604

■ 0.0000, 0.0000,
4.7977

189.2029,

■ 0.0000, 0.0000,

157.7661, 348.6246

2.0724

230.8276,
195.4744, 413.4446

■ 0.0000, 0.0000,
0.5993

■ 0.0000, 0.0000,
0.0000

■ 26.6483, 17.6266,
71.8098

■ 26.6483, 17.6266,
71.8098

■ 22.8280, 13.2715,
71.1709

■ 31.3765, 23.2874,
72.6536

■ 19.8465, 10.1085,
70.7175

■ 37.0697, 30.3507,
73.7169

■ 17.6272, 8.0063,
70.4287

■ 43.7826, 38.9058,
75.0144

■ 16.0488, 6.7478,
70.2690

■ 51.5649, 49.0341,
76.5592

■ 15.9995, 6.7094,
70.2642

■ 60.4632, 60.8110,
78.3634

■ 70.5207, 74.3070,
80.4383

■ 81.7788, 89.5882,
82.7945

■ 89.8509, 97.8662,
83.9668

■ 90.3194, 98.1077,
83.9888

Harmonies

Analogous

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



18.5431, 17.6266, 92.2405



26.6483, 17.6266, 71.8098



33.1468, 17.6266, 39.2480

Triad

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



26.6483, 17.6266, 71.8098



22.7717, 17.6266, 0.9057



6.3836, 17.6266, 24.5833

Complementary

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



26.6483, 17.6266, 71.8098



47.0554, 63.2170, 19.3952

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.



6.9167, 17.6266, 7.4878



26.6483, 17.6266, 71.8098



15.0830, 17.6266, 0.5207

Square

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



26.6483, 17.6266, 71.8098



30.4954, 17.6266, 3.7780



9.6728, 17.6266, 1.7205



7.9205, 17.6266, 54.7543

Rectangle

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



26.6483, 17.6266, 71.8098



34.8742, 17.6266, 21.2595



9.6728, 17.6266, 1.7205



6.3362, 17.6266, 17.2637

Sweetspot

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



26.6491, 17.6272, 71.8102



71.5971, 68.7078, 104.0961



34.0363, 40.5022, 75.8362



14.6157, 13.7754, 22.1385



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.



26.6491, 17.6272, 71.8102



29.6522, 16.5839, 96.2459



40.4274, 24.7302, 72.4551



13.3672, 13.4573, 17.2807



9.5126, 3.9992, 41.3189



0.7508, 0.3244, 2.8683

Inverse Universe

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



42.3259, 26.2959, 46.0239



53.4413, 29.7865, 54.9409



35.2229, 57.1171, 18.8415



14.0966, 13.8563, 16.2791



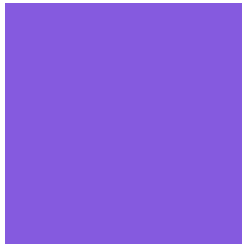
21.2266, 10.5576, 18.3909



1.5118, 0.7480, 1.4878

Previews

White Background



This preview shows how the XYZ color 26.6483, 17.6266, 71.8098 looks on a white background.

Color Contrast Check

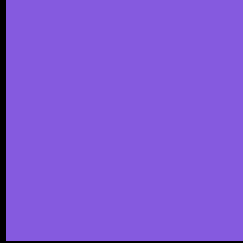
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6483, 17.6266, 71.8098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

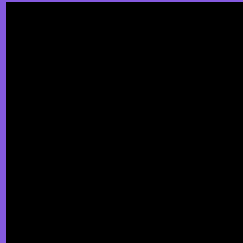
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6483, 17.6266, 71.8098

Background



This preview shows how black text looks on a background with the XYZ color 26.6483, 17.6266, 71.8098.



This preview shows how white text looks on a background with the XYZ color 26.6483, 17.6266,

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

26.6483, 17.6266, 71.8098

Protanopia

21.3742, 17.8203, 83.9745

Deuteranopia

18.1054, 17.7971, 62.8025



Tritanopia

16.6827, 17.6084, 22.2582

Trichromacy



Original Color

26.6483, 17.6266, 71.8098



Protanomaly

20.8772, 16.4122, 79.1583



Deuteranomaly

18.7191, 16.2085, 65.7603



Tritanomaly

19.2985, 17.0105, 35.9844

Monochromacy



Original Color

26.6483, 17.6266, 71.8098



Achromatopsia

17.2197, 18.1164, 19.7288



Achromatomaly

19.5317, 17.3364, 33.7693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6483, 17.6266, 71.8098 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(133, 90, 223)` looks like.

```
.text, #text, p{  
    color:rgb(133, 90, 223)  
}
```

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(133, 90, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 90, 223) }
```

Border

The CSS property to change the border of an element to XYZ 26.6483, 17.6266, 71.8098 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(133, 90, 223) }
```


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

```
.border{ border-color:rgb(133, 90, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 90, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 90, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 90, 223);  
box-shadow:4px 4px 4px 4px rgb(133, 90,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6483, 17.6266, 71.8098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 90, 223) }
```

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

```
.background{ background-color: rgb(133, 90,  
223) }
```

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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