

Converting Colors

XYZ(27.2469, 17.0592, 61.2163)

Have a look what the booklet for
XYZ(27.2469, 17.0592, 61.2163)
contains.

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Color

**XYZ(27.2765, 17.1143,
61.5403)**

Conversions

Conversions Part 1

Format	Color
Hex	9851D0
RGB	152, 81, 208
RGB Percent	60%, 32%, 82%
CMY	0.4039, 0.6823, 0.1843
CMYK	0.27, 0.61, 0.00, 0.18
HSL	274°, 57%, 57%
HSV	274°, 61%, 82%
XYZ	27.2765, 17.1143, 61.5403
YIQ	116.7070, 1.5490, 54.5490

Conversions

Conversions Part 2

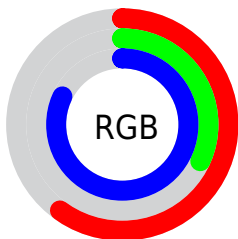
Format	Color
R _Y B	152, 81, 208
Decimal	9982416
CIE Lab	48.40, 52.20, -54.32
CIE LCh	48, 75.335, 313.860
Yxy	17.1143, 0.2575, 0.1616
Android (android.graphics.Color)	4288172496 (0xFF9851D0)
YUV	116.7070, 45.0074, 30.9520
Hunter-Lab	41.3694, 45.2956, -59.2400

Details

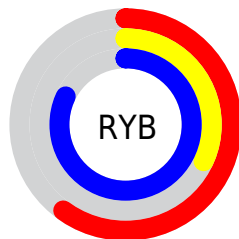
The XYZ color **27.2765, 17.1143, 61.5403** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **34.3578, 51.0245, 15.8229**, and the grayscale version is **16.6838, 17.5526, 19.1148**.

A 20% lighter version of the original color is **52.8696, 37.8255, 99.1223**, and **10.9889, 5.6172, 30.6420** is the 20% darker color. If you saturate the color by 10%, you get **24.3102, 13.6316, 61.0247**, and if you desaturate by 10%, it is **30.8503, 21.6132, 62.2206**.

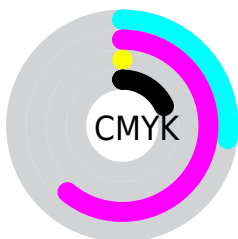
Distribution



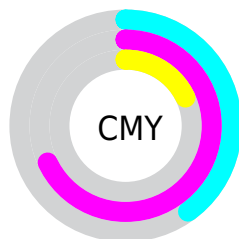
- Red (60%)
- Green (32%)
- Blue (82%)



- Red (60%)
- Yellow (32%)
- Blue (82%)



- Cyan (27%)
- Magenta (61%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (68%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2765, 17.1143, 61.5403 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 27.2765, 17.1143, 61.5403 by changing the saturation by 10% instead.

27.2765, 17.1143,
61.5403

27.2765, 17.1143,
61.5403

281.1366,
235.8302, 448.2136

17.9187, 10.3160,
44.2280

54.7440, 38.5222,
108.6260

10.9909, 5.6090,
30.5113

73.5844, 53.9006,
139.2364

6.1280, 2.6088,
19.9716

96.3163, 72.9078,
175.1167

2.9645, 0.9311,
12.1906

123.3051, 95.9283,
216.6852

1.1350, 0.0000,
6.7495

154.9162,
123.3463, 264.3607

0.0541, 0.0000,
3.2299

191.5149,

0.0000, 0.0000,

155.5464, 318.5615

1.2132

233.4666,
192.9129, 379.7063

■ 0.0000, 0.0000,
0.0000

■ 27.2765, 17.1143,
61.5403

■ 27.2765, 17.1143,
61.5403

■ 24.3102, 13.6316,
61.0247

■ 30.8503, 21.6132,
62.2206

■ 21.9014, 11.0721,
60.6577

■ 35.0713, 27.2062,
63.0777

■ 19.9944, 9.3281,
60.4215

■ 39.9784, 33.9655,
64.1238

■ 18.6258, 8.2867,
60.2927

■ 45.6060, 41.9565,
65.3696

■ 51.9865, 51.2398,
66.8251

■ 59.1499, 61.8716,
68.4997

■ 67.1246, 73.9049,
70.4021

■ 75.9374, 87.3899,
72.5405

■ 81.2563, 93.6590,
73.4702

Harmonies

Analogous

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



19.6498, 17.1143, 85.0382



27.2765, 17.1143, 61.5403



32.5922, 17.1143, 31.2910

Triad

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



27.2765, 17.1143, 61.5403



20.2327, 17.1143, 0.7753



6.4992, 17.1143, 29.2770

Complementary

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



27.2765, 17.1143, 61.5403



34.3578, 51.0245, 15.8229

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.



6.5734, 17.1143, 9.9548



27.2765, 17.1143, 61.5403



13.2959, 17.1143, 0.7210

Square

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



27.2765, 17.1143, 61.5403



27.8057, 17.1143, 2.7728



8.7077, 17.1143, 2.4839



8.4644, 17.1143, 59.2046

Rectangle

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



27.2765, 17.1143, 61.5403



33.3803, 17.1143, 16.1960



8.7077, 17.1143, 2.4839



6.3082, 17.1143, 21.3064

Sweetspot

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



27.2772, 17.1149, 61.5407



75.0572, 70.4916, 104.2580



23.8890, 24.5240, 63.1494



15.4556, 14.2083, 22.1778



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.



27.2772, 17.1149, 61.5407



37.3849, 20.3330, 96.5620



39.5745, 23.5429, 58.1189



11.7868, 11.7389, 14.8883



11.7213, 5.2228, 37.5828



0.7458, 0.3386, 2.1056

Inverse Universe

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



33.4705, 21.1013, 25.9758



48.9391, 27.7299, 32.0212



27.6843, 47.5553, 16.8124



12.0222, 11.8936, 13.3926



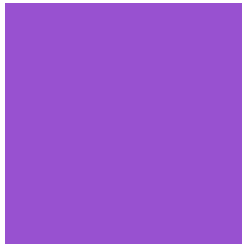
17.4555, 8.8550, 7.3047



1.0156, 0.5110, 0.6169

Previews

White Background



This preview shows how the XYZ color 27.2765, 17.1143, 61.5403 looks on a white background.

Color Contrast Check

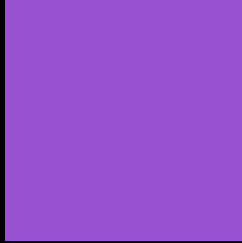
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2765, 17.1143, 61.5403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

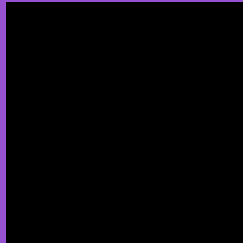
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.2765, 17.1143, 61.5403

Background



This preview shows how black text looks on a background with the XYZ color 27.2765, 17.1143, 61.5403.

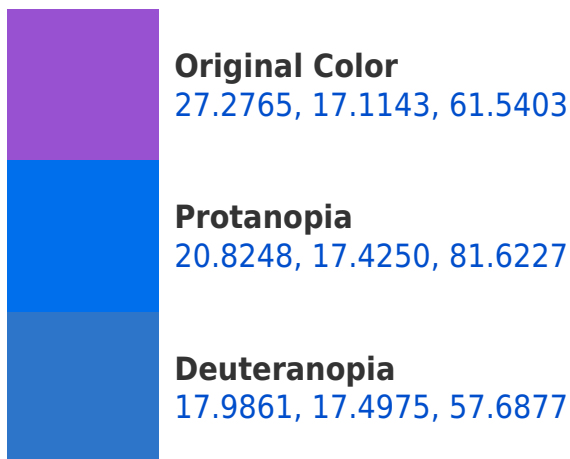


This preview shows how white text looks on a background with the XYZ color 27.2765, 17.1143,

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





Tritanopia

18.5634, 17.0106, 18.8280

Trichromacy



Original Color

27.2765, 17.1143, 61.5403



Protanomaly

19.8602, 15.4176, 73.8806



Deuteranomaly

19.5056, 16.1451, 59.2150



Tritanomaly

20.9478, 16.6561, 30.5446

Monochromacy



Original Color

27.2765, 17.1143, 61.5403



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

19.6613, 16.8485, 31.0700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2765, 17.1143, 61.5403 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(152, 81, 208)` looks like.

```
.text, #text, p{  
    color:rgb(152, 81, 208)  
}
```

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(152, 81, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 81, 208) }
```

Border

The CSS property to change the border of an element to XYZ 27.2765, 17.1143, 61.5403 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(152, 81, 208) }
```


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

```
.border{ border-color:rgb(152, 81, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 81, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 81, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 81, 208);  
box-shadow:4px 4px 4px 4px rgb(152, 81,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2765, 17.1143, 61.5403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 81, 208) }
```

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

```
.background{ background-color: rgb(152, 81,  
208) }
```

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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