

Converting Colors

XYZ(26.7778, 14.7759, 73.3922)

Have a look what the booklet for
XYZ(26.7778, 14.7759, 73.3922)
contains.

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Color

**XYZ(26.7778, 14.7759,
73.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	8F3EE2
RGB	143, 62, 226
RGB Percent	56%, 24%, 89%
CMY	0.4392, 0.7569, 0.1137
CMYK	0.37, 0.73, 0.00, 0.11
HSL	270°, 74%, 56%
HSV	270°, 73%, 89%
XYZ	26.7778, 14.7759, 73.3922
YIQ	104.9150, -4.3680, 68.1760

Conversions

Conversions Part 2

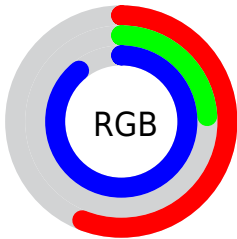
Format	Color
R _Y B	143, 62, 226
Decimal	9387746
CIE Lab	45.33, 63.44, -69.62
CIE LCh	45, 94.196, 312.341
Yxy	14.7759, 0.2330, 0.1285
Android (android.graphics.Color)	4287577826 (0xFF8F3EE2)
YUV	104.9150, 59.6949, 33.4005
Hunter-Lab	38.4394, 57.0782, -86.2945

Details

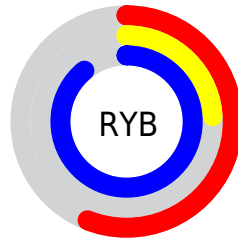
The XYZ color **26.7778, 14.7759, 73.3922** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle washed purple. A complement of this color would be **39.7428, 60.7604, 14.1909**, and the grayscale version is **13.2496, 13.9396, 15.1803**.

A 20% lighter version of the original color is **48.6525, 32.2673, 98.2717**, and **10.8176, 4.7494, 37.8827** is the 20% darker color. If you saturate the color by 10%, you get **23.9143, 11.8392, 72.9766**, and if you desaturate by 10%, it is **30.3553, 18.8388, 73.9882**.

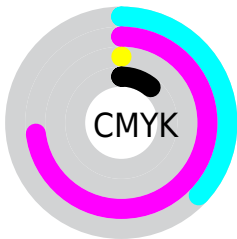
Distribution



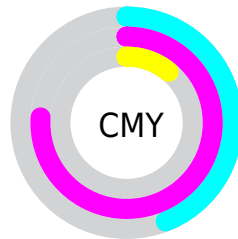
- Red (56%)
- Green (24%)
- Blue (89%)



- Red (56%)
- Yellow (24%)
- Blue (89%)



- Cyan (37%)
- Magenta (73%)
- Yellow (0%)
- Black (11%)



- Cyan (44%)
- Magenta (76%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7778, 14.7759, 73.3922 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 26.7778, 14.7759, 73.3922 by changing the saturation by 10% instead.

■ 26.7778, 14.7759,
73.3922

■ 26.7778, 14.7759,
73.3922

278.7669,
222.0058, 491.4802

■ 17.5421, 8.6623,
53.8029

■ 53.9495, 34.4596,
125.7599

■ 10.7195, 4.5215,
38.0520

■ 72.6163, 48.7984,
159.3754

■ 5.9444, 1.9694,
25.7209

■ 95.1574, 66.6477,
198.5035

■ 2.8517, 0.5896,
16.3911

■ 121.9384, 88.3919,
243.5626

■ 1.0758, 0.0000,
9.6440

■ 153.3244,
114.4154, 294.9712

■ 0.0047, 0.0000,
5.0610

189.6810,

■ 0.0000, 0.0000,

145.1027, 353.1480

2.2238

231.3733,
180.8380, 418.5115

■ 0.0000, 0.0000,
0.6880

■ 0.0000, 0.0000,
0.0000

■ 26.7778, 14.7759,
73.3922

■ 26.7778, 14.7759,
73.3922

■ 23.9143, 11.8392,
72.9766

■ 30.3553, 18.8388,
73.9882

■ 21.6885, 9.8881,
72.7173

■ 34.7067, 24.1423,
74.7825

■ 20.3621, 8.9113,
72.5987

■ 39.8873, 30.7878,
75.7922

■ 45.9462, 38.8654,
77.0320

52.9283, 48.4573,
78.5154

60.8751, 59.6392,
80.2549

69.8254, 72.4818,
82.2620

79.8160, 87.0514,
84.5477

87.4728, 96.5931,
85.9859

Harmonies

Analogous

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



17.5036, 14.7759, 105.2540



26.7778, 14.7759, 73.3922



33.7580, 14.7759, 32.9744

Triad

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



26.7778, 14.7759, 73.3922



19.1085, 14.7759, 0.0000



3.8905, 14.7759, 27.1395

Complementary

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



26.7778, 14.7759, 73.3922



39.7428, 60.7604, 14.1909

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.



4.0457, 14.7759, 6.2524



26.7778, 14.7759, 73.3922



11.0733, 14.7759, 0.0000

Square

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



26.7778, 14.7759, 73.3922



28.3211, 14.7759, 1.0293



6.1646, 14.7759, 0.5959



5.6130, 14.7759, 65.9034

Rectangle

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



26.7778, 14.7759, 73.3922



35.0204, 14.7759, 14.3951



6.1646, 14.7759, 0.5959



3.7501, 14.7759, 17.9096

Sweetspot

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



26.7786, 14.7764, 73.3926



70.0057, 64.2882, 103.3269



26.1067, 27.3001, 75.8453



14.4181, 12.9748, 21.9944



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.



26.7786, 14.7764, 73.3926



29.8783, 14.1313, 95.7606



45.9640, 24.6669, 74.2904



13.5936, 13.5740, 17.2913



11.7531, 5.1543, 41.4238



0.9179, 0.4105, 2.8761

Inverse Universe

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



38.1976, 21.6585, 28.9546



46.9316, 24.4135, 29.1985



30.2285, 55.8556, 13.7456



13.9952, 13.8157, 15.7449



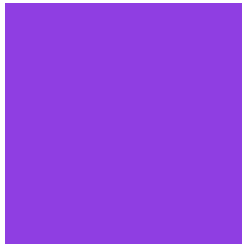
19.6983, 9.9463, 10.3427



1.4106, 0.7075, 0.9550

Previews

White Background



This preview shows how the XYZ color 26.7778, 14.7759, 73.3922 looks on a white background.

Color Contrast Check

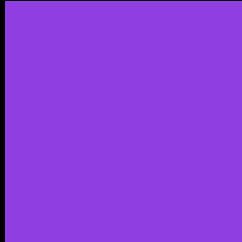
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7778, 14.7759, 73.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

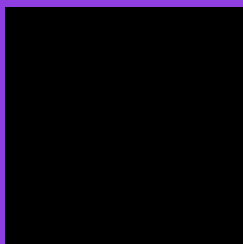
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.7778, 14.7759, 73.3922

Background



This preview shows how black text looks on a background with the XYZ color 26.7778, 14.7759, 73.3922.



This preview shows how white text looks on a background with the XYZ color 26.7778, 14.7759,

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

26.7778, 14.7759, 73.3922

Protanopia

17.7365, 15.0151, 68.9812

Deuteranopia

14.8702, 14.8696, 50.8016



Tritanopia

15.3116, 14.6216, 16.7671

Trichromacy



Original Color

26.7778, 14.7759, 73.3922



Protanomaly

18.1734, 13.1487, 70.6874



Deuteranomaly

16.1100, 12.8706, 58.1351



Tritanomaly

17.9778, 13.6726, 31.3973

Monochromacy



Original Color

26.7778, 14.7759, 73.3922



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

16.6049, 13.2366, 30.1135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7778, 14.7759, 73.3922 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(143, 62, 226)` looks like.

```
.text, #text, p{  
    color:rgb(143, 62, 226)  
}
```

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(143, 62, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 62, 226) }
```

Border

The CSS property to change the border of an element to XYZ 26.7778, 14.7759, 73.3922 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(143, 62, 226) }
```


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

```
.border{ border-color:rgb(143, 62, 226) }
```

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

Here you see how a box with a 4 pixel rgb(143, 62, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 62, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 62, 226);  
box-shadow:4px 4px 4px 4px rgb(143, 62,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7778, 14.7759, 73.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 62, 226) }
```

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

```
.background{ background-color: rgb(143, 62,  
226) }
```

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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