

Converting Colors

XYZ(26.8898, 15.8712, 48.7890)

Have a look what the booklet for
XYZ(26.8898, 15.8712, 48.7890)
contains.

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Color

**XYZ(26.9731, 15.9376,
48.6683)**

Conversions

Conversions Part 1

Format	Color
Hex	A744BB
RGB	167, 68, 187
RGB Percent	65%, 27%, 73%
CMY	0.3451, 0.7333, 0.2667
CMYK	0.11, 0.64, 0.00, 0.27
HSL	290°, 47%, 50%
HSV	290°, 64%, 73%
XYZ	26.9731, 15.9376, 48.6683
YIQ	111.1670, 20.8050, 57.9970

Conversions

Conversions Part 2

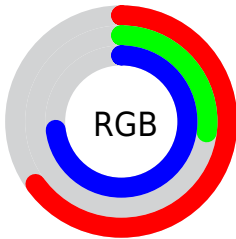
Format	Color
R_{YB}	167, 68, 187
Decimal	10962107
CIE _{Lab}	46.89, 57.49, -44.48
CIE _{LCh}	47, 72.687, 322.267
Yxy	15.9376, 0.2945, 0.1740
Android (android.graphics.Color)	4289152187 (0xFFA744BB)
YUV	111.1670, 37.3857, 48.9655
Hunter-Lab	39.9219, 50.7395, -44.3343

Details

The XYZ color **26.9731, 15.9376, 48.6683** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **22.8387, 38.0331, 11.6069**, and the grayscale version is **15.0492, 15.8330, 17.2421**.

A 20% lighter version of the original color is **54.3400, 36.4583, 89.7611**, and **10.7892, 5.0730, 22.6008** is the 20% darker color. If you saturate the color by 10%, you get **25.3615, 13.6875, 48.3192**, and if you desaturate by 10%, it is **28.9628, 18.9186, 49.1391**.

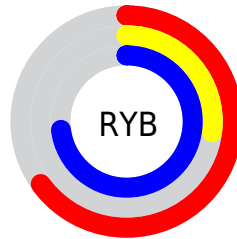
Distribution



Red (65%)

Green (27%)

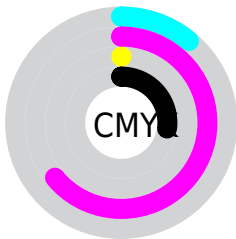
Blue (73%)



Red (65%)

Yellow (27%)

Blue (73%)

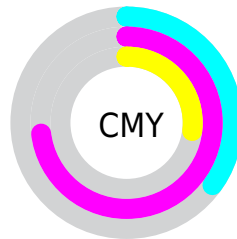


Cyan (11%)

Magenta (64%)

Yellow (0%)

Black (27%)



Cyan (35%)

Magenta (73%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9731, 15.9376, 48.6683 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 26.9731, 15.9376, 48.6683 by changing the saturation by 10% instead.

■ 26.9731, 15.9376,
48.6683

■ 26.9731, 15.9376,
48.6683

279.6968,
228.9732, 398.0199

■ 17.6895, 9.4800,
33.9927

■ 54.2609, 36.4898,
89.5745

■ 10.8256, 5.0556,
22.6107

■ 72.9958, 51.3533,
116.6421

■ 6.0161, 2.2799,
14.1037

■ 95.6118, 69.7875,
148.6775

■ 2.8956, 0.7630,
8.0533

■ 122.4744, 92.1768,
186.0993

■ 1.0988, 0.0000,
4.0408

■ 153.9488,
118.9056, 229.3258

■ 0.0241, 0.0000,
1.6477

190.4005,

■ 0.0000, 0.0000,

150.3584, 278.7757

0.3245

232.1947,
186.9194, 334.8676

■ 0.0000, 0.0000,
0.0000

■ 26.9731, 15.9376,
48.6683

■ 26.9731, 15.9376,
48.6683

■ 25.3615, 13.6875,
48.3192

■ 28.9628, 18.9186,
49.1391

■ 24.0902, 12.0949,
48.0788

■ 31.3597, 22.6906,
49.7408

■ 23.1167, 11.0744,
47.9331

■ 34.1923, 27.3096,
50.4831

■ 22.5974, 10.6132,
47.8715

■ 37.4858, 32.8262,
51.3743

■ 41.2637, 39.2867,
52.4222

■ 45.5475, 46.7343,
53.6339

■ 50.3576, 55.2097,
55.0163

■ 55.7133, 64.7510,
56.5757

■ 61.6327, 75.3946,
58.3181

Harmonies

Analogous

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



20.2505, 15.9376, 73.8240



26.9731, 15.9376, 48.6683



30.7146, 15.9376, 22.4849

Triad

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



26.9731, 15.9376, 48.6683



16.8476, 15.9376, 0.6169



6.4385, 15.9376, 34.2202

Complementary

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



26.9731, 15.9376, 48.6683



22.8387, 38.0331, 11.6069

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.



5.9979, 15.9376, 13.0687



26.9731, 15.9376, 48.6683



10.9842, 15.9376, 0.9496

Square

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



26.9731, 15.9376, 48.6683



23.8957, 15.9376, 1.8000



7.4105, 15.9376, 3.5600



8.8479, 15.9376, 62.1698

Rectangle

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



26.9731, 15.9376, 48.6683



30.4472, 15.9376, 10.9445



7.4105, 15.9376, 3.5600



6.0886, 15.9376, 25.8743

Sweetspot

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



26.9737, 15.9383, 48.6686



69.9556, 63.5858, 92.7876



14.9949, 12.0990, 48.5589



14.9888, 13.2931, 20.3184



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.9737, 15.9383, 48.6686



44.5370, 23.3605, 86.3631



28.0112, 16.8797, 30.3489



9.7683, 9.6129, 12.0128



15.6224, 7.3397, 32.9862



0.6544, 0.3094, 1.2941

Inverse Universe

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



24.3226, 15.4042, 10.9245



40.0306, 22.6844, 11.7379



22.7398, 37.8040, 19.6487



9.5938, 9.5618, 10.2502



14.3131, 7.3564, 1.6766



0.5813, 0.2964, 0.1743

Previews

White Background



This preview shows how the XYZ color 26.9731, 15.9376, 48.6683 looks on a white background.

Color Contrast Check

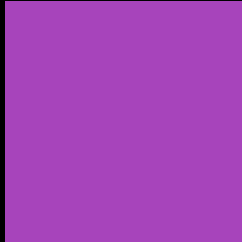
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9731, 15.9376, 48.6683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

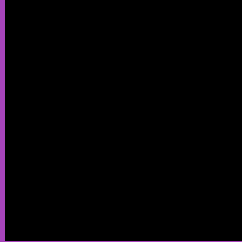
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.9731, 15.9376, 48.6683

Background



This preview shows how black text looks on a background with the XYZ color 26.9731, 15.9376, 48.6683.



This preview shows how white text looks on a background with the XYZ color 26.9731, 15.9376,

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

26.9731, 15.9376, 48.6683

Protanopia

19.4909, 16.4228, 74.0941

Deuteranopia

16.6033, 16.2207, 44.9036



Tritanopia

19.8692, 15.9136, 14.3363

Trichromacy



Original Color

26.9731, 15.9376, 48.6683



Protanomaly

18.8586, 14.1599, 64.0265



Deuteranomaly

18.6898, 14.8689, 46.1409



Tritanomaly

21.7114, 15.5339, 23.6838

Monochromacy



Original Color

26.9731, 15.9376, 48.6683



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

18.1125, 14.8738, 26.3424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9731, 15.9376, 48.6683 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(167, 68, 187)` looks like.

```
.text, #text, p{  
    color:rgb(167, 68, 187)  
}
```

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(167, 68, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 68, 187) }
```

Border

The CSS property to change the border of an element to XYZ 26.9731, 15.9376, 48.6683 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(167, 68, 187) }
```


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

```
.border{ border-color:rgb(167, 68, 187) }
```

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

Here you see how a box with a 4 pixel rgb(167, 68, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 68, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 68, 187);  
box-shadow:4px 4px 4px 4px rgb(167, 68,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9731, 15.9376, 48.6683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 68, 187) }
```

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

```
.background{ background-color: rgb(167, 68,  
187) }
```

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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