

Converting Colors

XYZ(28.4337, 15.9047, 42.3386)

Have a look what the booklet for
XYZ(28.4337, 15.9047, 42.3386)
contains.

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Color

**XYZ(28.4924, 15.9665,
42.1376)**

Conversions

Conversions Part 1

Format	Color
Hex	B639AF
RGB	182, 57, 175
RGB Percent	71%, 22%, 69%
CMY	0.2863, 0.7764, 0.3137
CMYK	0.00, 0.69, 0.04, 0.29
HSL	303°, 52%, 47%
HSV	303°, 69%, 71%
XYZ	28.4924, 15.9665, 42.1376
YIQ	107.8270, 36.6220, 63.1980

Conversions

Conversions Part 2

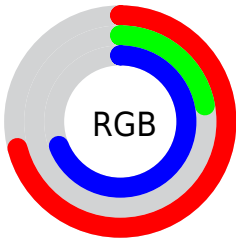
Format	Color
R_{YB}	182, 57, 175
Decimal	11942319
CIE _{Lab}	46.93, 63.38, -37.25
CIE _{LCh}	47, 73.513, 329.558
Yxy	15.9665, 0.3290, 0.1844
Android (android.graphics.Color)	4290132399 (0xFFB639AF)
YUV	107.8270, 33.1163, 65.0497
Hunter-Lab	39.9581, 57.3540, -34.5533

Details

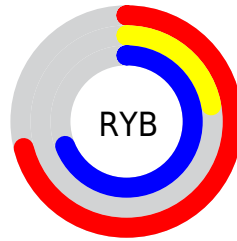
The XYZ color **28.4924, 15.9665, 42.1376** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **19.3415, 34.6966, 10.5292**, and the grayscale version is **14.1095, 14.8443, 16.1654**.

A 20% lighter version of the original color is **56.7167, 36.5049, 79.6582**, and **11.9703, 5.7651, 18.8942** is the 20% darker color. If you saturate the color by 10%, you get **27.6490, 14.4388, 41.3645**, and if you desaturate by 10%, it is **29.6602, 18.1408, 43.0228**.

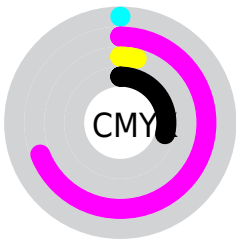
Distribution



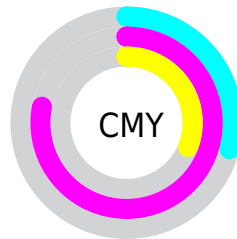
- Red (71%)
- Green (22%)
- Blue (69%)



- Red (71%)
- Yellow (22%)
- Blue (69%)



- Cyan (0%)
- Magenta (69%)
- Yellow (4%)
- Black (29%)





- Cyan (29%)
- Magenta (78%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4924, 15.9665, 42.1376 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 28.4924, 15.9665, 42.1376 by changing the saturation by 10% instead.

 28.4924, 15.9665,
42.1376


 28.4924, 15.9665,
42.1376


286.8500,
229.1440, 370.8695


 18.8395, 9.5005,
28.8827


 56.6728, 36.5400,
79.6802


 11.6577, 5.0690,
18.7473


 75.9310, 51.4163,
104.8049


 6.5816, 2.2878,
11.3128


 99.1217, 69.8648,
134.7233

 3.2458, 0.7672,
6.1609

 126.6103, 92.2699,
169.8539

 1.2851, 0.0000,
2.8728

 158.7620,
119.0159, 210.6153

 0.1720, 0.0000,
1.0300

195.9423,

 0.0000, 0.0000,

150.4874, 257.4260

0.0000

238.5165,
187.0686, 310.7046

■ 28.4924, 15.9665,
42.1376

■ 28.4924, 15.9665,
42.1376

■ 27.6490, 14.4388,
41.3645

■ 29.6602, 18.1408,
43.0228

■ 27.0918, 13.4828,
40.6903

■ 31.1815, 21.0213,
44.0295

■ 26.7586, 12.9738,
40.0946

■ 33.0842, 24.6636,
45.1671

■ 26.7196, 12.9164,
40.0178

■ 35.3931, 29.1169,
46.4438

■ 38.1307, 34.4264,
47.8672

■ 41.3179, 40.6339,
49.4442

■ 44.9743, 47.7785,
51.1813

■ 49.1183, 55.8971,
53.0848

■ 53.7672, 65.0244,
55.1604

Harmonies

Analogous

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



22.1124, 15.9665, 69.7967



28.4924, 15.9665, 42.1376



31.1596, 15.9665, 17.6585

Triad

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



28.4924, 15.9665, 42.1376



15.2710, 15.9665, 0.5176



6.7743, 15.9665, 41.2923

Complementary

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



28.4924, 15.9665, 42.1376



19.3415, 34.6966, 10.5292

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.



5.8792, 15.9665, 17.1139



28.4924, 15.9665, 42.1376



9.8664, 15.9665, 1.2038

Square

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



28.4924, 15.9665, 42.1376



22.3248, 15.9665, 1.2503



6.8300, 15.9665, 4.9239



9.7434, 15.9665, 69.1111

Rectangle

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



28.4924, 15.9665, 42.1376



30.0242, 15.9665, 8.0355



6.8300, 15.9665, 4.9239



6.2655, 15.9665, 32.1004

Sweetspot

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



28.4930, 15.9672, 42.1379



67.7227, 59.6803, 86.0640



11.9733, 7.3695, 45.0479



14.6519, 12.5878, 18.8506



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.4930, 15.9672, 42.1379



49.5907, 25.2406, 74.3960



23.7500, 14.0701, 17.1619



9.3586, 9.1538, 11.2359



18.8771, 9.1246, 28.3035



0.6721, 0.3243, 1.0328

Inverse Universe

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



28.4930, 15.9672, 42.1379



49.5907, 25.2406, 74.3960



22.1659, 35.8264, 25.4022



9.3586, 9.1538, 11.2359



18.8771, 9.1246, 28.3035



0.6721, 0.3243, 1.0328

Previews

White Background



This preview shows how the XYZ color 28.4924, 15.9665, 42.1376 looks on a white background.

Color Contrast Check

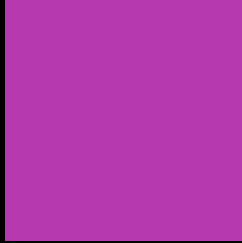
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4924, 15.9665, 42.1376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

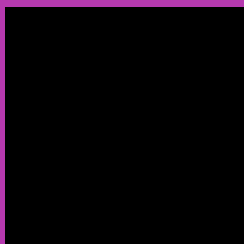
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.4924, 15.9665, 42.1376

Background



This preview shows how black text looks on a background with the XYZ color 28.4924, 15.9665, 42.1376.



This preview shows how white text looks on a background with the XYZ color 28.4924, 15.9665,

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

28.4924, 15.9665, 42.1376

Protanopia

19.3841, 16.4304, 71.2570

Deuteranopia

16.5900, 16.1851, 38.8089



Tritanopia

22.2494, 15.9631, 11.5814

Trichromacy



Original Color

28.4924, 15.9665, 42.1376



Protanomaly

18.9062, 13.7767, 59.4203



Deuteranomaly

19.0228, 14.5220, 39.8306



Tritanomaly

23.8045, 15.5081, 19.8279

Monochromacy



Original Color

28.4924, 15.9665, 42.1376



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

17.7289, 13.9616, 23.5902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4924, 15.9665, 42.1376 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(182, 57, 175)` looks like.

```
.text, #text, p{  
    color:rgb(182, 57, 175)  
}
```

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(182, 57, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 57, 175) }
```

Border

The CSS property to change the border of an element to XYZ 28.4924, 15.9665, 42.1376 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(182, 57, 175) }
```


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

```
.border{ border-color:rgb(182, 57, 175) }
```

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

Here you see how a box with a 4 pixel rgb(182, 57, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 57, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 57, 175);  
box-shadow:4px 4px 4px 4px rgb(182, 57,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4924, 15.9665, 42.1376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 57, 175) }
```

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

```
.background{ background-color: rgb(182, 57,  
175) }
```

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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