

Converting Colors

XYZ(28.0982, 16.9379, 46.5881)

Have a look what the booklet for
XYZ(28.0982, 16.9379, 46.5881)
contains.

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Color

**XYZ(28.0982, 16.9379,
46.5881)**

Conversions

Conversions Part 1

Format	Color
Hex	AD48B7
RGB	173, 72, 183
RGB Percent	68%, 28%, 72%
CMY	0.3216, 0.7176, 0.2824
CMYK	0.05, 0.61, 0.00, 0.28
HSL	295°, 44%, 50%
HSV	295°, 61%, 72%
XYZ	28.0982, 16.9379, 46.5881
YIQ	114.8530, 24.5650, 55.9330

Conversions

Conversions Part 2

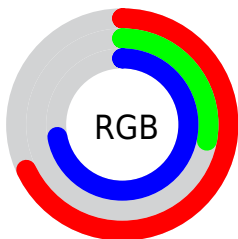
Format	Color
R_{YB}	173, 72, 183
Decimal	11356343
CIE _{Lab}	48.18, 56.44, -40.05
CIE _{LCh}	48, 69.202, 324.639
Yxy	16.9379, 0.3067, 0.1849
Android (android.graphics.Color)	4289546423 (0xFFAD48B7)
YUV	114.8530, 33.5965, 50.9949
Hunter-Lab	41.1557, 49.8448, -38.3071

Details

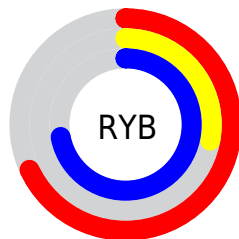
The XYZ color **28.0982, 16.9379, 46.5881** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **21.5834, 36.1291, 11.9677**, and the grayscale version is **16.1483, 16.9893, 18.5013**.

A 20% lighter version of the original color is **55.9958, 38.1426, 86.0723**, and **11.3528, 5.4754, 21.2274** is the 20% darker color. If you saturate the color by 10%, you get **26.7243, 14.7274, 46.2341**, and if you desaturate by 10%, it is **29.8299, 19.8563, 47.0604**.

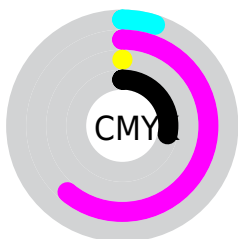
Distribution



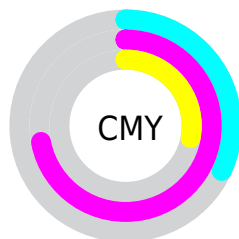
- Red (68%)
- Green (28%)
- Blue (72%)



- Red (68%)
- Yellow (28%)
- Blue (72%)



- Cyan (5%)
- Magenta (61%)
- Yellow (0%)
- Black (28%)





- Cyan (32%)
- Magenta (72%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0982, 16.9379, 46.5881 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 28.0982, 16.9379, 46.5881 by changing the saturation by 10% instead.


 28.0982, 16.9379,
46.5881


 28.0982, 16.9379,
46.5881


285.0074,
234.8143, 389.5140


 18.5405, 10.1902,
32.3581


 56.0487, 38.2190,
86.4420

 11.4408, 5.5253,
21.3681


 75.1723, 53.5212,
112.9030


 6.4336, 2.5586,
13.1995


 98.2152, 72.4436,
144.2781

 3.1536, 0.9059,
7.4337

 125.5428, 95.3708,
180.9859

 1.2355, 0.0000,
3.6523

 157.5205,
122.6871, 223.4448

 0.1341, 0.0000,
1.4366

194.5136,

 0.0000, 0.0000,

154.7768, 272.0734

0.1700

236.8875,
192.0244, 327.2903

■ 0.0000, 0.0000,
0.0000

■ 28.0982, 16.9379,
46.5881

■ 28.0982, 16.9379,
46.5881

■ 26.7243, 14.7274,
46.2341

■ 29.8299, 19.8563,
47.0604

■ 25.6740, 13.1581,
45.9865

■ 31.9459, 23.5370,
47.6593

■ 24.9097, 12.1540,
45.8330

■ 34.4723, 28.0318,
48.3937

■ 24.3813, 11.5817,
45.7504

■ 37.4324, 33.3872,
49.2714

■ 40.8477, 39.6462,
50.2995

■ 44.7382, 46.8491,
51.4848

■ 49.1229, 55.0334,
52.8334

■ 54.0197, 64.2349,
54.3514

■ 59.4453, 74.4874,
56.0444

Harmonies

Analogous

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



21.6792, 16.9379, 71.1571



28.0982, 16.9379, 46.5881



31.3720, 16.9379, 21.8679

Triad

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



28.0982, 16.9379, 46.5881



17.2544, 16.9379, 0.9911



7.4252, 16.9379, 36.9547

Complementary

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



28.0982, 16.9379, 46.5881



21.5834, 36.1291, 11.9677

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.



6.8175, 16.9379, 15.3949



28.0982, 16.9379, 46.5881



11.5693, 16.9379, 1.4824

Square

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



28.0982, 16.9379, 46.5881



24.1519, 16.9379, 2.1697



8.1196, 16.9379, 4.7912



10.0705, 16.9379, 63.4969

Rectangle

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



28.0982, 16.9379, 46.5881



30.8455, 16.9379, 11.0074



8.1196, 16.9379, 4.7912



7.0106, 16.9379, 28.6416

Sweetspot

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



28.0988, 16.9386, 46.5885



68.4068, 62.2881, 88.6531



14.3214, 10.9993, 46.1682



14.7380, 13.0811, 19.4697



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.



28.0988, 16.9386, 46.5885



47.1311, 25.2528, 82.6259



26.4774, 16.5551, 26.0739



9.2990, 9.1205, 11.3498



17.0388, 8.0950, 31.9175



0.6241, 0.2975, 1.1263

Inverse Universe

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



23.3693, 15.3119, 9.7072



38.2445, 22.2743, 9.8008



22.7823, 36.5154, 22.4936



9.0366, 9.0250, 9.5401



13.7027, 7.0548, 1.0554



0.4941, 0.2531, 0.0954

Previews

White Background



This preview shows how the XYZ color 28.0982, 16.9379, 46.5881 looks on a white background.

Color Contrast Check

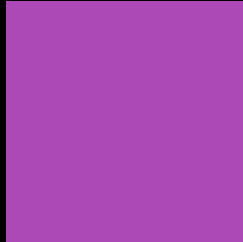
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0982, 16.9379, 46.5881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

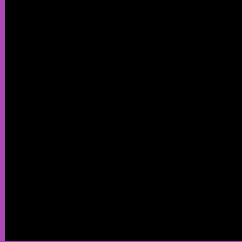
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.0982, 16.9379, 46.5881

Background



This preview shows how black text looks on a background with the XYZ color 28.0982, 16.9379, 46.5881.



This preview shows how white text looks on a background with the XYZ color 28.0982, 16.9379,

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

28.0982, 16.9379, 46.5881

Protanopia

20.0709, 17.2931, 69.9902

Deuteranopia

17.7135, 17.3274, 43.4852



Tritanopia

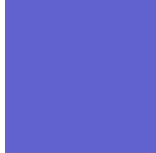
21.5947, 16.9303, 14.7001

Trichromacy



Original Color

28.0982, 16.9379, 46.5881



Protanomaly

20.4669, 15.5958, 60.9630



Deuteranomaly

19.9346, 15.9603, 44.6778



Tritanomaly

23.4413, 16.6706, 23.4550

Monochromacy



Original Color

28.0982, 16.9379, 46.5881



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

19.3488, 16.0514, 26.8894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0982, 16.9379, 46.5881 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(173, 72, 183)` looks like.

```
.text, #text, p{  
    color:rgb(173, 72, 183)  
}
```

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(173, 72, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 72, 183) }
```

Border

The CSS property to change the border of an element to XYZ 28.0982, 16.9379, 46.5881 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(173, 72, 183) }
```


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

```
.border{ border-color:rgb(173, 72, 183) }
```

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

Here you see how a box with a 4 pixel rgb(173, 72, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 72, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 72, 183);  
box-shadow:4px 4px 4px 4px rgb(173, 72,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0982, 16.9379, 46.5881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 72, 183) }
```

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

```
.background{ background-color: rgb(173, 72,  
183) }
```

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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