

Converting Colors

XYZ(28.5009, 16.7753, 18.8557)

Have a look what the booklet for
XYZ(28.5009, 16.7753, 18.8557)
contains.

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Color

**XYZ(28.4919, 16.7876,
18.8782)**

Conversions

Conversions Part 1

Format	Color
Hex	C73D76
RGB	199, 61, 118
RGB Percent	78%, 24%, 46%
CMY	0.2196, 0.7607, 0.5373
CMYK	0.00, 0.69, 0.41, 0.22
HSL	335°, 55%, 51%
HSV	335°, 69%, 78%
XYZ	28.4919, 16.7876, 18.8782
YIQ	108.7600, 63.9510, 46.9830

Conversions

Conversions Part 2

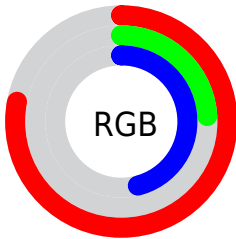
Format	Color
R_{YB}	199, 61, 118
Decimal	13057398
CIE _{Lab}	47.99, 58.81, -1.19
CIE _{LCh}	48, 58.817, 358.838
Yxy	16.7876, 0.4441, 0.2617
Android (android.graphics.Color)	4291247478 (0xFFC73D76)
YUV	108.7600, 4.5553, 79.1405
Hunter-Lab	40.9727, 52.4246, 1.3629

Details

The XYZ color **28.4919, 16.7876, 18.8782** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **27.2314, 43.7923, 32.6119**, and the grayscale version is **14.4437, 15.1959, 16.5483**.

A 20% lighter version of the original color is **54.9741, 37.1191, 42.2975**, and **11.9207, 6.0176, 6.3276** is the 20% darker color. If you saturate the color by 10%, you get **26.9680, 14.7828, 15.1549**, and if you desaturate by 10%, it is **30.4967, 19.6165, 23.1862**.

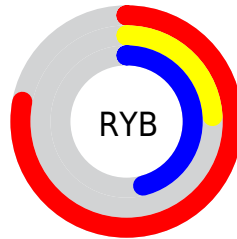
Distribution



Red (78%)

Green (24%)

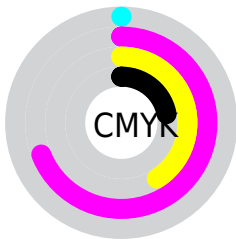
Blue (46%)



Red (78%)

Yellow (24%)

Blue (46%)

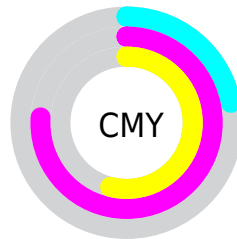


Cyan (0%)

Magenta (69%)

Yellow (41%)

Black (22%)



Cyan (22%)


Magenta (76%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4919, 16.7876, 18.8782 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 28.4919, 16.7876, 18.8782 by changing the saturation by 10% instead.


 28.4919, 16.7876,
18.8782


 28.4919, 16.7876,
18.8782

286.8476,
233.9454, 258.1758


 18.8391, 10.0832,
11.4064


 56.6720, 37.9602,
42.3621


 11.6574, 5.4541,
6.2233


 75.9300, 53.1972,
59.2113


 6.5814, 2.5161,
2.9103


 99.1206, 72.0472,
80.0234

 3.2457, 0.8847,
1.0490

 126.6089, 94.8945,
105.2169

 1.2850, 0.0000,
0.0000

 158.7604,
122.1236, 135.2103

 0.1719, 0.0000,
0.0000

195.9405,

 0.0000, 0.0000,

154.1188, 170.4223

0.0000

238.5144,
191.2646, 211.2713

■ 28.4919, 16.7876,
18.8782

■ 28.4919, 16.7876,
18.8782

■ 26.9680, 14.7828,
15.1549

■ 30.4967, 19.6165,
23.1862

■ 25.8743, 13.5058,
11.9836

■ 33.0230, 23.3462,
28.1068

■ 25.1270, 12.7944,
9.3202

■ 36.1085, 28.0475,
33.6665

■ 25.0833, 12.7541,
9.1602

■ 39.7869, 33.7832,
39.8899

■ 44.0890, 40.6111,
46.8001

■ 49.0435, 48.5844,
54.4190

■ 54.6772, 57.7530,
62.7672

■ 61.0153, 68.1637,
71.8647

■ 68.0820, 79.8609,
81.7305

Harmonies

Analogous

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



26.3815, 16.7876, 37.9628



28.4919, 16.7876, 18.8782



26.6720, 16.7876, 7.4935

Triad

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



28.4919, 16.7876, 18.8782



11.5217, 16.7876, 2.7679



11.2355, 16.7876, 56.4408

Complementary

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



28.4919, 16.7876, 18.8782



27.2314, 43.7923, 32.6119

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.



8.5807, 16.7876, 36.3155



28.4919, 16.7876, 18.8782



8.7184, 16.7876, 6.9409

Square

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



28.4919, 16.7876, 18.8782



16.1640, 16.7876, 1.8617



7.7719, 16.7876, 17.6923



15.7500, 16.7876, 65.8521

Rectangle

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



28.4919, 16.7876, 18.8782



23.6617, 16.7876, 3.9217



7.7719, 16.7876, 17.6923



10.1365, 16.7876, 50.3020

Sweetspot

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



28.4924, 16.7885, 18.8785



75.6275, 68.6017, 79.4688



23.0483, 13.1689, 55.3597



15.7248, 13.9476, 16.2721



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.



28.4924, 16.7885, 18.8785



46.1974, 24.6456, 23.7111



26.7460, 17.1798, 6.3225



10.8125, 10.7084, 11.9958



16.1705, 8.2178, 6.1078



0.8015, 0.4035, 0.4781

Inverse Universe

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



28.4924, 16.7885, 18.8785



46.1974, 24.6456, 23.7111



30.1105, 40.8693, 60.3342



10.8125, 10.7084, 11.9958



16.1705, 8.2178, 6.1078



0.8015, 0.4035, 0.4781

Previews

White Background



This preview shows how the XYZ color 28.4919, 16.7876, 18.8782 looks on a white background.

Color Contrast Check

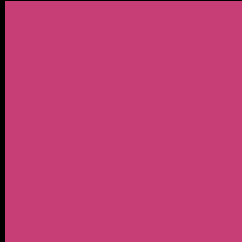
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4919, 16.7876, 18.8782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

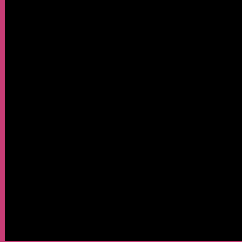
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.4919, 16.7876, 18.8782

Background



This preview shows how black text looks on a background with the XYZ color 28.4919, 16.7876, 18.8782.



This preview shows how white text looks on a background with the XYZ color 28.4919, 16.7876,

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

28.4919, 16.7876, 18.8782

Protanopia

17.3167, 17.0479, 31.6560

Deuteranopia

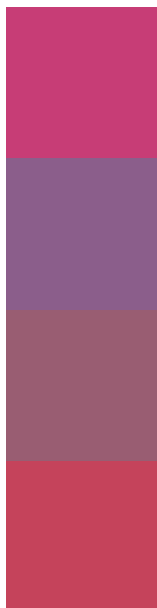
17.3061, 17.0286, 17.4136



Tritanopia

26.2882, 16.7502, 8.5042

Trichromacy



Original Color

28.4919, 16.7876, 18.8782

Protanomaly

19.3104, 15.3585, 26.3728

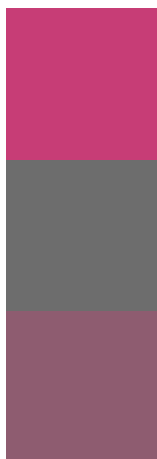
Deuteranomaly

20.0885, 15.8159, 17.9136

Tritanomaly

26.9214, 16.6400, 11.6904

Monochromacy



Original Color

28.4919, 16.7876, 18.8782

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.9071, 14.5749, 17.1987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4919, 16.7876, 18.8782 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(199, 61, 118)` looks like.

```
.text, #text, p{  
  color:rgb(199, 61, 118)  
}
```

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(199, 61, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 61, 118) }
```

Border

The CSS property to change the border of an element to XYZ 28.4919, 16.7876, 18.8782 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(199, 61, 118) }
```


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

```
.border{ border-color:rgb(199, 61, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 61, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 61, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 61, 118);  
box-shadow:4px 4px 4px 4px rgb(199, 61,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4919, 16.7876, 18.8782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 61, 118) }
```

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

```
.background{ background-color: rgb(199, 61,  
118) }
```

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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