

Converting Colors

XYZ(28.0254, 16.3232, 17.4067)

Have a look what the booklet for
XYZ(28.0254, 16.3232, 17.4067)
contains.

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Color

**XYZ(28.0469, 16.3605,
17.3024)**

Conversions

Conversions Part 1

Format	Color
Hex	C73A71
RGB	199, 58, 113
RGB Percent	78%, 23%, 44%
CMY	0.2196, 0.7725, 0.5569
CMYK	0.00, 0.71, 0.43, 0.22
HSL	337°, 56%, 50%
HSV	337°, 71%, 78%
XYZ	28.0469, 16.3605, 17.3024
YIQ	106.4290, 66.3810, 46.9970

Conversions

Conversions Part 2

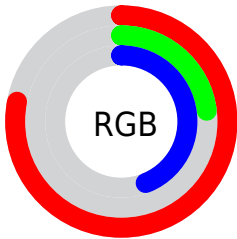
Format	Color
R_{YB}	199, 58, 113
Decimal	13056625
CIE Lab	47.44, 59.41, 1.06
CIE LCh	47, 59.422, 1.019
Yxy	16.3605, 0.4545, 0.2651
Android (android.graphics.Color)	4291246705 (0xFFC73A71)
YUV	106.4290, 3.2395, 81.1848
Hunter-Lab	40.4481, 52.9885, 2.9513

Details

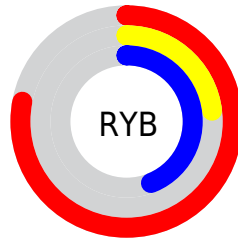
The XYZ color **28.0469, 16.3605, 17.3024** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **27.2036, 43.7605, 33.4019**, and the grayscale version is **13.7970, 14.5155, 15.8074**.

A 20% lighter version of the original color is **54.1623, 36.2381, 39.7373**, and **11.7694, 5.9571, 5.5305** is the 20% darker color. If you saturate the color by 10%, you get **26.5920, 14.4722, 13.6683**, and if you desaturate by 10%, it is **29.9816, 19.0622, 21.5477**.

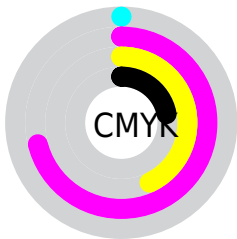
Distribution



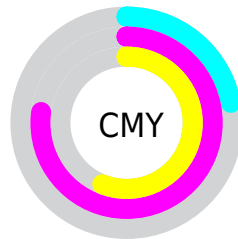
- Red (78%)
- Green (23%)
- Blue (44%)



- Red (78%)
- Yellow (23%)
- Blue (44%)



- Cyan (0%)
- Magenta (71%)
- Yellow (43%)
- Black (22%)





- Cyan (22%)
- Magenta (77%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0469, 16.3605, 17.3024 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 28.0469, 16.3605, 17.3024 by changing the saturation by 10% instead.


 28.0469, 16.3605,
17.3024


 28.0469, 16.3605,
17.3024

284.7670,
231.4597, 249.0117


 18.5017, 9.7796,
10.2861


 55.9674, 37.2229,
39.6427


 11.4126, 5.2531,
5.4810


 75.0734, 52.2733,
55.8038


 6.4144, 2.3965,
2.4685


 98.0970, 70.9155,
75.8503

 3.1417, 0.8241,
0.8234

 125.4036, 93.5341,
100.2006

 1.2291, 0.0000,
0.0000

 157.3586,
120.5134, 129.2734

 0.1292, 0.0000,
0.0000

194.3272,

 0.0000, 0.0000,

152.2379, 163.4872

0.0000

236.6749,
189.0918, 203.2604

■ 28.0469, 16.3605,
17.3024

■ 28.0469, 16.3605,
17.3024

■ 26.5920, 14.4722,
13.6683

■ 29.9816, 19.0622,
21.5477

■ 25.5645, 13.2982,
10.6099

■ 32.4383, 22.6559,
26.4345

■ 24.9146, 12.6867,
8.2715

■ 35.4554, 27.2138,
31.9920

■ 39.0676, 32.7999,
38.2467

■ 43.3064, 39.4727,
45.2236

■ 48.2011, 47.2862,
52.9465

■ 53.7791, 56.2909,
61.4379

■ 60.0662, 66.5342,
70.7192

■ 67.0867, 78.0608,
80.8111

Harmonies

Analogous

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



26.2101, 16.3605, 35.9071



28.0469, 16.3605, 17.3024



25.9556, 16.3605, 6.6506

Triad

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



28.0469, 16.3605, 17.3024



10.8895, 16.3605, 2.7194



11.1376, 16.3605, 57.1901

Complementary

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



28.0469, 16.3605, 17.3024



27.2036, 43.7605, 33.4019

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.



8.3802, 16.3605, 37.3532



28.0469, 16.3605, 17.3024



8.2614, 16.3605, 7.1251

Square

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



28.0469, 16.3605, 17.3024



15.3706, 16.3605, 1.6986



7.4574, 16.3605, 18.3352



15.7312, 16.3605, 65.4607

Rectangle

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



28.0469, 16.3605, 17.3024



22.8382, 16.3605, 3.4347



7.4574, 16.3605, 18.3352



10.0054, 16.3605, 51.2530

Sweetspot

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



28.0473, 16.3614, 17.3027



75.4617, 68.5354, 78.5952



23.0815, 12.9549, 55.3168



15.6856, 13.9319, 16.0658



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.



28.0473, 16.3614, 17.3027



45.5031, 24.0871, 20.9209



26.6415, 17.0964, 5.9000



10.8023, 10.7043, 11.9421



16.0608, 8.1739, 5.5302



0.7959, 0.4012, 0.4483

Inverse Universe

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



28.0473, 16.3614, 17.3027



45.5031, 24.0871, 20.9209



29.3825, 39.6798, 60.1431



10.8023, 10.7043, 11.9421



16.0608, 8.1739, 5.5302



0.7959, 0.4012, 0.4483

Previews

White Background



This preview shows how the XYZ color 28.0469, 16.3605, 17.3024 looks on a white background.

Color Contrast Check

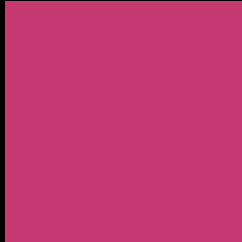
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0469, 16.3605, 17.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

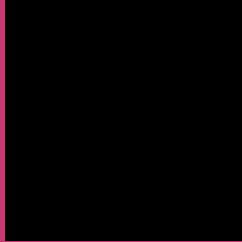
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.0469, 16.3605, 17.3024

Background



This preview shows how black text looks on a background with the XYZ color 28.0469, 16.3605, 17.3024.



This preview shows how white text looks on a background with the XYZ color 28.0469, 16.3605,

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

28.0469, 16.3605, 17.3024

Protanopia

16.8082, 16.6669, 29.5253

Deuteranopia

16.8226, 16.4899, 15.9319



Tritanopia

26.0018, 16.3379, 7.9140

Trichromacy



Original Color

28.0469, 16.3605, 17.3024

Protanomaly

18.7777, 14.8645, 24.4337

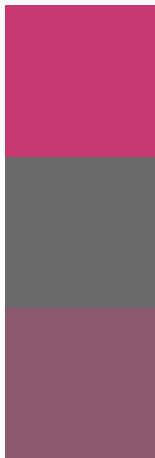
Deuteranomaly

19.5534, 15.1888, 16.3691

Tritanomaly

26.5797, 16.2252, 10.7477

Monochromacy



Original Color

28.0469, 16.3605, 17.3024

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

17.1479, 13.8243, 16.2326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0469, 16.3605, 17.3024 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, 58, 113)` looks like.

```
.text, #text, p{  
    color:rgb(199, 58, 113)  
}
```

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, 58, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 58, 113) }
```

Border

The CSS property to change the border of an element to XYZ 28.0469, 16.3605, 17.3024 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, 58, 113) }
```


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

```
.border{ border-color:rgb(199, 58, 113) }
```

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

Here you see how a box with a 4 pixel rgb(199, 58, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 58, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 58, 113);  
box-shadow:4px 4px 4px 4px rgb(199, 58,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0469, 16.3605, 17.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 58, 113) }
```

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

```
.background{ background-color: rgb(199, 58,  
113) }
```

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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