

Converting Colors

XYZ(29.3906, 16.4199, 15.2560)

Have a look what the booklet for
XYZ(29.3906, 16.4199, 15.2560)
contains.

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Color

**XYZ(29.3906, 16.4199,
15.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	CF306A
RGB	207, 48, 106
RGB Percent	81%, 19%, 42%
CMY	0.1882, 0.8117, 0.5843
CMYK	0.00, 0.77, 0.49, 0.19
HSL	338°, 62%, 50%
HSV	338°, 77%, 81%
XYZ	29.3906, 16.4199, 15.2560
YIQ	102.1530, 76.1460, 51.7460

Conversions

Conversions Part 2

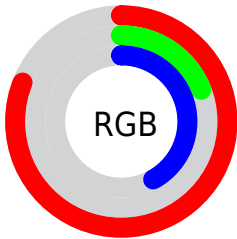
Format	Color
R_{YB}	207, 48, 106
Decimal	13578346
CIE _{Lab}	47.52, 64.32, 5.64
CIE _{LCh}	48, 64.563, 5.012
Yxy	16.4199, 0.4813, 0.2689
Android (android.graphics.Color)	4291768426 (0xFFCF306A)
YUV	102.1530, 1.8966, 91.9508
Hunter-Lab	40.5215, 58.5551, 6.0428

Details

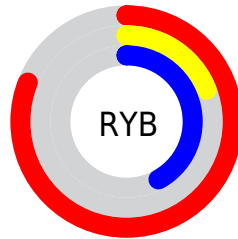
The XYZ color **29.3906, 16.4199, 15.2560** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **28.9579, 47.4245, 36.0659**, and the grayscale version is **12.6518, 13.3107, 14.4954**.

A 20% lighter version of the original color is **52.7944, 34.6316, 35.8003**, and **12.8220, 6.5188, 4.7201** is the 20% darker color. If you saturate the color by 10%, you get **28.1003, 14.8513, 11.7068**, and if you desaturate by 10%, it is **31.1813, 18.8217, 19.4897**.

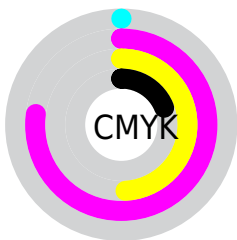
Distribution



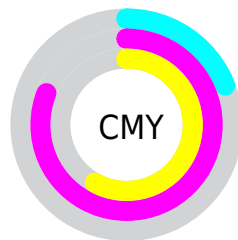
- Red (81%)
- Green (19%)
- Blue (42%)



- Red (81%)
- Yellow (19%)
- Blue (42%)



- Cyan (0%)
- Magenta (77%)
- Yellow (49%)
- Black (19%)





- Cyan (19%)
- Magenta (81%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3906, 16.4199, 15.2560 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 29.3906, 16.4199, 15.2560 by changing the saturation by 10% instead.


 29.3906, 16.4199,
15.2560


 29.3906, 16.4199,
15.2560


291.0145,
231.8069, 236.6044


 19.5223, 9.8218,
8.8506


 58.0904, 37.3257,
36.0503


 12.1545, 5.2809,
4.5484


 77.6525, 52.4021,
51.2763


 6.9219, 2.4130,
1.9308


 101.1767, 71.0734,
70.2796

 3.4592, 0.8326,
0.5122

 129.0281, 93.7239,
93.4787

 1.4010, 0.0000,
0.0000

 161.5723,
120.7382, 121.2923

 0.2569, 0.0000,
0.0000

199.1745,

 0.0000, 0.0000,

152.5005, 154.1387

0.0000

242.2002,
189.3952, 192.4366

■ 29.3906, 16.4199,
15.2560

■ 29.3906, 16.4199,
15.2560

■ 28.1003, 14.8513,
11.7068

■ 31.1813, 18.8217,
19.4897

■ 27.2407, 13.9837,
8.7949

■ 33.5242, 22.1530,
24.4467

■ 27.0193, 13.7802,
7.9825

■ 36.4657, 26.4996,
30.1634

■ 40.0464, 31.9367,
36.6730

■ 44.3036, 38.5326,
44.0065

■ 49.2713, 46.3496,
52.1931

■ 54.9813, 55.4457,
61.2606

■ 61.4634, 65.8753,
71.2352

■ 68.7457, 77.6893,
82.1423

Harmonies

Analogous

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



27.9048, 16.4199, 34.8375



29.3906, 16.4199, 15.2560



26.5079, 16.4199, 5.1814

Triad

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



29.3906, 16.4199, 15.2560



10.0906, 16.4199, 2.4730



11.3920, 16.4199, 64.5787

Complementary

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



29.3906, 16.4199, 15.2560



28.9579, 47.4245, 36.0659

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.



8.1981, 16.4199, 42.8474



29.3906, 16.4199, 15.2560



7.5861, 16.4199, 7.5718

Square

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



29.3906, 16.4199, 15.2560



14.6618, 16.4199, 1.2571



6.9897, 16.4199, 20.7855



16.5911, 16.4199, 71.4948

Rectangle

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



29.3906, 16.4199, 15.2560



22.8318, 16.4199, 2.4710



6.9897, 16.4199, 20.7855



10.0934, 16.4199, 58.3081

Sweetspot

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



29.3910, 16.4208, 15.2563



73.6801, 65.9464, 74.9982



24.6604, 12.9816, 60.2373



15.1775, 13.1864, 15.0617



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.



29.3910, 16.4208, 15.2563



44.0971, 22.8145, 15.7062



28.4069, 17.7610, 4.7286



11.9844, 11.8785, 13.1937



17.0651, 8.6989, 5.2491



0.9919, 0.5015, 0.4920

Inverse Universe

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



29.3910, 16.4208, 15.2563



44.0971, 22.8145, 15.7062



29.9990, 40.1678, 65.2034



11.9844, 11.8785, 13.1937



17.0651, 8.6989, 5.2491



0.9919, 0.5015, 0.4920

Previews

White Background



This preview shows how the XYZ color 29.3906, 16.4199, 15.2560 looks on a white background.

Color Contrast Check

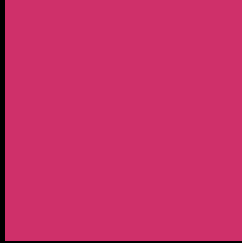
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3906, 16.4199, 15.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

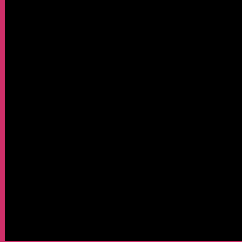
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.3906, 16.4199, 15.2560

Background



This preview shows how black text looks on a background with the XYZ color 29.3906, 16.4199, 15.2560.



This preview shows how white text looks on a background with the XYZ color 29.3906, 16.4199,

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

29.3906, 16.4199, 15.2560

Protanopia

16.6205, 16.6055, 27.9204

Deuteranopia

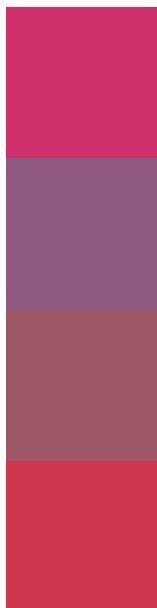
16.8792, 16.5649, 13.8630



Tritanopia

27.6103, 16.4549, 6.2783

Trichromacy



Original Color

29.3906, 16.4199, 15.2560

Protanomaly

18.8625, 14.5694, 22.5869

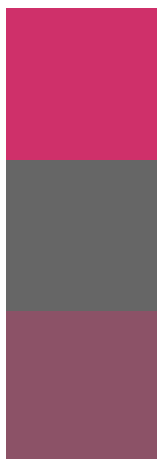
Deuteranomaly

19.8577, 15.0251, 14.1654

Tritanomaly

28.1949, 16.4042, 8.8880

Monochromacy



Original Color

29.3906, 16.4199, 15.2560

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

16.2807, 12.5893, 14.4039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3906, 16.4199, 15.2560 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(207, 48, 106)` looks like.

```
.text, #text, p{  
    color:rgb(207, 48, 106)  
}
```

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(207, 48, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 48, 106) }
```

Border

The CSS property to change the border of an element to XYZ 29.3906, 16.4199, 15.2560 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(207, 48, 106) }
```


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

```
.border{ border-color:rgb(207, 48, 106) }
```

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

Here you see how a box with a 4 pixel rgb(207, 48, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 48, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 48, 106);  
box-shadow:4px 4px 4px 4px rgb(207, 48,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3906, 16.4199, 15.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 48, 106) }
```

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

```
.background{ background-color: rgb(207, 48,  
106) }
```

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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