

Converting Colors

XYZ(30.8603, 15.1407, 36.1605)

Have a look what the booklet for
XYZ(30.8603, 15.1407, 36.1605)
contains.

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Color

**XYZ(30.6983, 15.0619,
35.9396)**

Conversions

Conversions Part 1

Format	Color
Hex	C900A3
RGB	201, 0, 163
RGB Percent	79%, 0%, 64%
CMY	0.2118, 0.9999, 0.3608
CMYK	0.00, 1.00, 0.19, 0.21
HSL	311°, 100%, 39%
HSV	311°, 100%, 79%
XYZ	30.6983, 15.0619, 35.9396
YIQ	78.6810, 67.4730, 93.3050

Conversions

Conversions Part 2

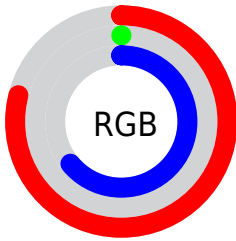
Format	Color
R_{YB}	201, 0, 163
Decimal	13172899
CIE _{Lab}	45.72, 77.02, -31.81
CIE _{LCh}	46, 83.333, 337.562
Yxy	15.0619, 0.3757, 0.1844
Android (android.graphics.Color)	4291362979 (0xFFC900A3)
YUV	78.6810, 41.5693, 107.2738
Hunter-Lab	38.8097, 73.2759, -27.7386

Details

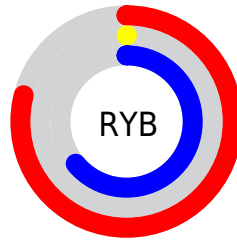
The XYZ color **30.6983, 15.0619, 35.9396** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **21.2376, 41.9140, 8.8075**, and the grayscale version is **7.2887, 7.6683, 8.3508**.

A 20% lighter version of the original color is **57.5511, 33.6343, 69.7885**, and **14.0246, 6.8985, 15.6313** is the 20% darker color. If you saturate the color by 10%, you get **30.6979, 15.0617, 35.9367**, and if you desaturate by 10%, it is **31.2968, 15.7053, 37.8447**.

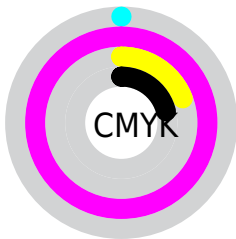
Distribution



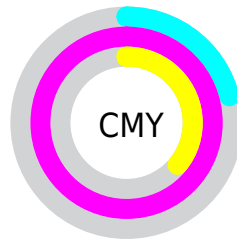
- Red (79%)
- Green (0%)
- Blue (64%)



- Red (79%)
- Yellow (0%)
- Blue (64%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6983, 15.0619, 35.9396 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 30.6983, 15.0619, 35.9396 by changing the saturation by 10% instead.

 30.6983, 15.0619,
35.9396

 30.6983, 15.0619,
35.9396


296.9977,
223.7406, 343.7259


 20.5199, 8.8628,
24.0982


 60.1438, 34.9617,
70.1068


 12.8840, 4.6518,
15.1936


 80.1417, 49.4313,
93.2698


 7.4252, 2.0445,
8.8073


 104.1435, 67.4265,
121.0436

 3.7781, 0.6331,
4.5206

 132.5144, 89.3317,
153.8470

 1.5774, 0.0000,
1.9151

 165.6200,
115.5313, 192.0983

 0.3776, 0.0000,
0.5023

 203.8255,

 0.0000, 0.0000,

146.4097, 236.2162

0.0000

247.4963,
182.3514, 286.6192

■ 30.6983, 15.0619,
35.9396

■ 30.6983, 15.0619,
35.9396

■ 30.6979, 15.0617,
35.9367

■ 31.2968, 15.7053,
37.8447

■ 32.1670, 16.8761,
39.8913

■ 33.4003, 18.7561,
42.1103

■ 35.0444, 21.4412,
44.5179

■ 37.1400, 25.0123,
47.1283

■ 39.7227, 29.5404,
49.9537

■ 42.8244, 35.0895,
53.0050

■ 46.4745, 41.7178,
56.2926

■ 50.6998, 49.4793,
59.8257

Harmonies

Analogous

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



24.1830, 15.0619, 69.8245



30.6983, 15.0619, 35.9396



32.2220, 15.0619, 11.8342

Triad

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



30.6983, 15.0619, 35.9396



12.6175, 15.0619, 0.0000



6.0804, 15.0619, 52.8854

Complementary

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



30.6983, 15.0619, 35.9396



21.2376, 41.9140, 8.8075

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.



4.6922, 15.0619, 22.0105



30.6983, 15.0619, 35.9396



7.5810, 15.0619, 0.8926

Square

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



30.6983, 15.0619, 35.9396



20.0892, 15.0619, 0.1260



5.1340, 15.0619, 5.6516



9.7704, 15.0619, 84.0084

Rectangle

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



30.6983, 15.0619, 35.9396



29.8609, 15.0619, 4.2519



5.1340, 15.0619, 5.6516



5.3948, 15.0619, 41.4675

Sweetspot

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



30.6988, 15.0627, 35.9399



73.0678, 59.6232, 90.5126



11.3016, 4.6089, 55.5527



15.1333, 11.8526, 18.8866



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.



30.6988, 15.0627, 35.9399



52.4759, 25.7544, 61.0976



25.0041, 12.7848, 5.9517



10.9938, 10.7809, 12.9505



19.3335, 9.4830, 22.7637



0.9383, 0.4582, 1.1981

Inverse Universe

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



30.6988, 15.0627, 35.9399



52.4759, 25.7544, 61.0976



25.4285, 43.5903, 30.8765



10.9938, 10.7809, 12.9505



19.3335, 9.4830, 22.7637



0.9383, 0.4582, 1.1981

Previews

White Background



This preview shows how the XYZ color 30.6983, 15.0619, 35.9396 looks on a white background.

Color Contrast Check

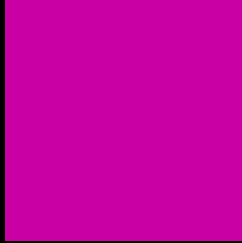
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6983, 15.0619, 35.9396 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 30.6983, 15.0619, 35.9396

Background



This preview shows how black text looks on a background with the XYZ color 30.6983, 15.0619, 35.9396.



This preview shows how white text looks on a background with the XYZ color 30.6983, 15.0619,

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

30.6983, 15.0619, 35.9396

Protanopia

18.8815, 15.7991, 74.0059

Deuteranopia

16.0423, 15.7240, 32.3265



Tritanopia

24.8691, 15.4216, 7.1348

Trichromacy



Original Color

30.6983, 15.0619, 35.9396



Protanomaly

15.5343, 9.7426, 57.5617



Deuteranomaly

18.0454, 11.7589, 33.2169



Tritanomaly

26.0061, 14.3009, 14.2216

Monochromacy



Original Color

30.6983, 15.0619, 35.9396



Achromatopsia

7.4317, 7.8187, 8.5146



Achromatomaly

12.1235, 7.6179, 15.5833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6983, 15.0619, 35.9396 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(201, 0, 163)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 163)  
}
```

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(201, 0, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 163) }
```

Border

The CSS property to change the border of an element to XYZ 30.6983, 15.0619, 35.9396 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(201, 0, 163) }
```


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

```
.border{ border-color:rgb(201, 0, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 0, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 163);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6983, 15.0619, 35.9396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 163) }
```

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

```
.background{ background-color: rgb(201, 0,  
163) }
```

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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