

Converting Colors

XYZ(28.9095, 14.3838, 27.8116)

Have a look what the booklet for
XYZ(28.9095, 14.3838, 27.8116)
contains.

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Color

**XYZ(28.8969, 14.3798,
27.6381)**

Conversions

Conversions Part 1

Format	Color
Hex	C80490
RGB	200, 4, 144
RGB Percent	78%, 2%, 56%
CMY	0.2157, 0.9842, 0.4353
CMYK	0.00, 0.98, 0.28, 0.22
HSL	317°, 96%, 40%
HSV	317°, 98%, 78%
XYZ	28.8969, 14.3798, 27.6381
YIQ	78.5640, 71.8760, 85.0920

Conversions

Conversions Part 2

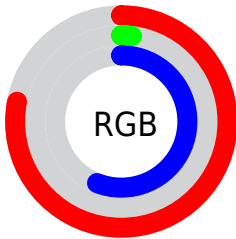
Format	Color
RYB	200, 4, 144
Decimal	13108368
CIELab	44.77, 74.26, -21.85
CIELCh	45, 77.405, 343.602
Yxy	14.3798, 0.4075, 0.2028
Android (android.graphics.Color)	4291298448 (0xFFC80490)
YUV	78.5640, 32.2599, 106.4994
Hunter-Lab	37.9207, 69.6620, -16.6684

Details

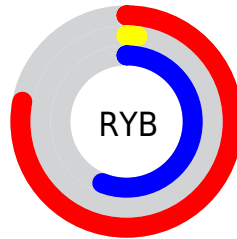
The XYZ color **28.8969, 14.3798, 27.6381** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **21.5213, 41.6614, 11.1867**, and the grayscale version is **7.2829, 7.6622, 8.3442**.

A 20% lighter version of the original color is **55.0892, 32.6495, 56.8246**, and **12.9603, 6.4530, 10.9184** is the 20% darker color. If you saturate the color by 10%, you get **28.7659, 14.2580, 27.1622**, and if you desaturate by 10%, it is **29.6290, 15.1269, 30.0924**.

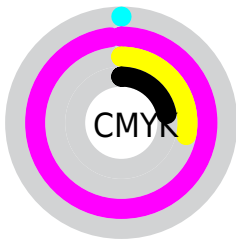
Distribution



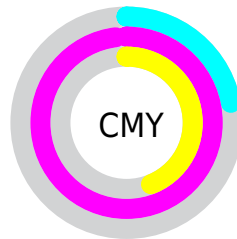
- Red (78%)
- Green (2%)
- Blue (56%)



- Red (78%)
- Yellow (2%)
- Blue (56%)



- Cyan (0%)
- Magenta (98%)
- Yellow (28%)
- Black (22%)





- Cyan (22%)
- Magenta (98%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8969, 14.3798, 27.6381 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 28.8969, 14.3798, 27.6381 by changing the saturation by 10% instead.

 28.8969, 14.3798,
27.6381


 28.8969, 14.3798,
27.6381


288.7312,
219.5810, 304.5909

 19.1467, 8.3853,
17.8164


 57.3119, 33.7614,
56.9223


 11.8810, 4.3425,
10.6502


 76.7075, 47.9173,
77.2218


 6.7343, 1.8669,
5.7209


 100.0489, 65.5625,
101.8510

 3.3413, 0.5284,
2.6101

 127.7016, 87.0813,
131.2283

 1.3367, 0.0000,
0.8977

 160.0307,
112.8582, 165.7725

 0.2105, 0.0000,
0.0000

 197.4018,

 0.0000, 0.0000,

143.2775, 205.9020

0.0000

240.1802,
178.7236, 252.0352

■ 28.8969, 14.3798,
27.6381

■ 28.8969, 14.3798,
27.6381

■ 28.7659, 14.2580,
27.1622

■ 29.6290, 15.1269,
30.0924

■ 30.6741, 16.4643,
32.7616

■ 32.1007, 18.5283,
35.6702

■ 33.9546, 21.4101,
38.8350

■ 36.2751, 25.1874,
42.2704

■ 39.0965, 29.9291,
45.9895

■ 42.4503, 35.6969,
50.0041

■ 46.3648, 42.5477,
54.3251

■ 50.8668, 50.5341,
58.9626

Harmonies

Analogous

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



23.8417, 14.3798, 56.6235



28.8969, 14.3798, 27.6381



29.1497, 14.3798, 8.8324

Triad

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



28.8969, 14.3798, 27.6381



11.0116, 14.3798, 0.1371



6.6373, 14.3798, 53.8491

Complementary

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



28.8969, 14.3798, 27.6381



21.5213, 41.6614, 11.1867

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.



4.9498, 14.3798, 25.3173



28.8969, 14.3798, 27.6381



6.8990, 14.3798, 1.5747

Square

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



28.8969, 14.3798, 27.6381



17.3813, 14.3798, 0.2054



5.0279, 14.3798, 7.7621



10.5245, 14.3798, 78.1082

Rectangle

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



28.8969, 14.3798, 27.6381



26.4464, 14.3798, 3.2349



5.0279, 14.3798, 7.7621



5.8560, 14.3798, 43.7811

Sweetspot

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



28.8974, 14.3806, 27.6383



72.6063, 60.2610, 85.5472



12.3060, 5.2046, 54.9998



14.9908, 11.9499, 17.6602



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.



28.8974, 14.3806, 27.6383



49.6970, 24.6428, 46.4640



24.3662, 12.5681, 3.7776



10.9489, 10.7629, 12.7141



18.3305, 9.0818, 17.4823



0.8980, 0.4420, 0.9861

Inverse Universe

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



28.8974, 14.3806, 27.6383



49.6970, 24.6428, 46.4640



26.8369, 43.7876, 39.1783



10.9489, 10.7629, 12.7141



18.3305, 9.0818, 17.4823



0.8980, 0.4420, 0.9861

Previews

White Background



This preview shows how the XYZ color 28.8969, 14.3798, 27.6381 looks on a white background.

Color Contrast Check

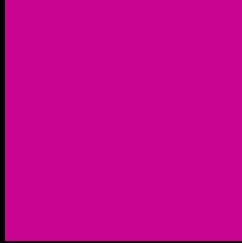
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8969, 14.3798, 27.6381 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 28.8969, 14.3798, 27.6381

Background



This preview shows how black text looks on a background with the XYZ color 28.8969, 14.3798, 27.6381.



This preview shows how white text looks on a background with the XYZ color 28.8969, 14.3798,

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

28.8969, 14.3798, 27.6381

Protanopia

17.4872, 15.2410, 59.7777

Deuteranopia

15.3529, 15.0606, 25.0195



Tritanopia

24.5269, 14.7218, 5.8239

Trichromacy



Original Color

28.8969, 14.3798, 27.6381



Protanomaly

16.5582, 10.6173, 45.9764



Deuteranomaly

17.5308, 11.6667, 25.3727



Tritanomaly

25.3464, 13.8773, 11.2402

Monochromacy



Original Color

28.8969, 14.3798, 27.6381



Achromatopsia

7.4317, 7.8187, 8.5146



Achromatomaly

11.8446, 7.6462, 13.6836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8969, 14.3798, 27.6381 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(200, 4, 144)` looks like.

```
.text, #text, p{  
    color:rgb(200, 4, 144)  
}
```

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(200, 4, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 4, 144) }
```

Border

The CSS property to change the border of an element to XYZ 28.8969, 14.3798, 27.6381 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(200, 4, 144) }
```


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

```
.border{ border-color:rgb(200, 4, 144) }
```

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

Here you see how a box with a 4 pixel rgb(200, 4, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 4, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 4, 144);  
box-shadow:4px 4px 4px 4px rgb(200, 4,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8969, 14.3798, 27.6381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 4, 144) }
```

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

```
.background{ background-color: rgb(200, 4,  
144) }
```

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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