

Converting Colors

XYZ(29.1394, 14.4122, 28.9109)

Have a look what the booklet for
XYZ(29.1394, 14.4122, 28.9109)
contains.

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Color

**XYZ(29.0859, 14.3859,
28.8475)**

Conversions

Conversions Part 1

Format	Color
Hex	C80093
RGB	200, 0, 147
RGB Percent	78%, 0%, 58%
CMY	0.2157, 0.9999, 0.4235
CMYK	0.00, 1.00, 0.27, 0.22
HSL	316°, 100%, 39%
HSV	316°, 100%, 78%
XYZ	29.0859, 14.3859, 28.8475
YIQ	76.5580, 72.0130, 88.1170

Conversions

Conversions Part 2

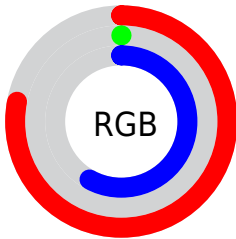
Format	Color
RYB	200, 0, 147
Decimal	13107347
CIELab	44.78, 74.95, -23.66
CIElCh	45, 78.596, 342.482
Yxy	14.3859, 0.4022, 0.1989
Android (android.graphics.Color)	4291297427 (0xFFC80093)
YUV	76.5580, 34.7279, 108.2586
Hunter-Lab	37.9287, 70.5085, -18.5441

Details

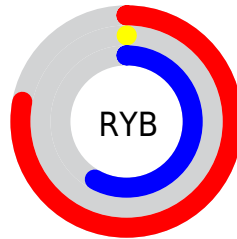
The XYZ color **29.0859, 14.3859, 28.8475** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **21.2981, 41.5663, 10.2724**, and the grayscale version is **6.9039, 7.2635, 7.9099**.

A 20% lighter version of the original color is **55.3550, 32.6218, 58.6374**, and **13.0958, 6.5072, 11.6321** is the 20% darker color. If you saturate the color by 10%, you get **29.0854, 14.3858, 28.8443**, and if you desaturate by 10%, it is **29.7624, 15.0577, 31.1730**.

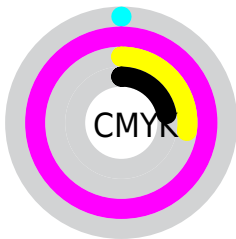
Distribution



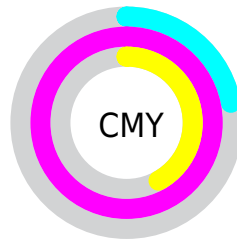
- Red (78%)
- Green (0%)
- Blue (58%)



- Red (78%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (22%)





- Cyan (22%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0859, 14.3859, 28.8475 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 29.0859, 14.3859, 28.8475 by changing the saturation by 10% instead.

 29.0859, 14.3859,
28.8475


 29.0859, 14.3859,
28.8475


289.6069,
219.6185, 310.5331

 19.2904, 8.3896,
18.7209


 57.6102, 33.7722,
58.8740


 11.9856, 4.3452,
11.2940


 77.0696, 47.9309,
79.6110


 6.8060, 1.8685,
6.1483


 100.4812, 65.5793,
104.7218

 3.3863, 0.5293,
2.8652

 128.2101, 87.1016,
134.6251

 1.3612, 0.0000,
1.0262

 160.6218,
112.8823, 169.7393

 0.2283, 0.0000,
0.0000

 198.0816,

 0.0000, 0.0000,

143.3057, 210.4830

0.0000

240.9548,
178.7563, 257.2748

■ 29.0859, 14.3859,
28.8475

■ 29.0859, 14.3859,
28.8475

■ 29.0854, 14.3858,
28.8443

■ 29.7624, 15.0577,
31.1730

■ 30.7167, 16.2540,
33.6868

■ 32.0392, 18.1552,
36.4203

■ 33.7773, 20.8559,
39.3906

■ 35.9714, 24.4363,
42.6123

■ 38.6567, 28.9665,
46.0983

■ 41.8650, 34.5097,
49.8602

■ 45.6252, 41.1235,
53.9089

■ 49.9643, 48.8612,
58.2544

Harmonies

Analogous

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



23.7817, 14.3859, 58.6822



29.0859, 14.3859, 28.8475



29.5513, 14.3859, 9.2147

Triad

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



29.0859, 14.3859, 28.8475



11.1824, 14.3859, 0.0329



6.4577, 14.3859, 53.5567

Complementary

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



29.0859, 14.3859, 28.8475



21.2981, 41.5663, 10.2724

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.



4.8340, 14.3859, 24.5822



29.0859, 14.3859, 28.8475



6.9326, 14.3859, 1.3979

Square

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



29.0859, 14.3859, 28.8475



17.7221, 14.3859, 0.1579



4.9753, 14.3859, 7.2700



10.2936, 14.3859, 79.0401

Rectangle

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



29.0859, 14.3859, 28.8475



26.9028, 14.3859, 3.3368



4.9753, 14.3859, 7.2700



5.6980, 14.3859, 43.2369

Sweetspot

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



29.0864, 14.3867, 28.8477



72.2157, 59.2824, 86.0251



11.7422, 4.8495, 54.9611



14.9281, 11.7705, 17.8059



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.



29.0864, 14.3867, 28.8477



50.2541, 24.8656, 49.3976



24.3961, 12.5106, 4.1491



10.9585, 10.7668, 12.7645



18.5321, 9.1624, 18.5437



0.9063, 0.4453, 1.0295

Inverse Universe

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



29.0864, 14.3867, 28.8477



50.2541, 24.8656, 49.3976



26.1604, 43.5113, 35.8772



10.9585, 10.7668, 12.7645



18.5321, 9.1624, 18.5437



0.9063, 0.4453, 1.0295

Previews

White Background



This preview shows how the XYZ color 29.0859, 14.3859, 28.8475 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 29.0859, 14.3859, 28.8475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

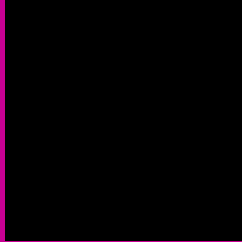
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.0859, 14.3859, 28.8475

Background



This preview shows how black text looks on a background with the XYZ color 29.0859, 14.3859, 28.8475.



This preview shows how white text looks on a background with the XYZ color 29.0859, 14.3859,

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

29.0859, 14.3859, 28.8475

Protanopia

17.7325, 15.3109, 62.3423

Deuteranopia

15.2629, 14.9978, 25.7573



Tritanopia

24.6035, 14.8324, 5.9811

Trichromacy



Original Color

29.0859, 14.3859, 28.8475



Protanomaly

16.4636, 10.4430, 47.6024



Deuteranomaly

17.2961, 11.3407, 26.4767



Tritanomaly

25.3583, 13.8316, 11.4585

Monochromacy



Original Color

29.0859, 14.3859, 28.8475



Achromatopsia

7.0540, 7.4214, 8.0819



Achromatomaly

11.5226, 7.2935, 13.3709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0859, 14.3859, 28.8475 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, 0, 147)` looks like.

```
.text, #text, p{  
    color:rgb(200, 0, 147)  
}
```

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, 0, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 0, 147) }
```

Border

The CSS property to change the border of an element to XYZ 29.0859, 14.3859, 28.8475 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, 0, 147) }
```


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

```
.border{ border-color:rgb(200, 0, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 0, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 0, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 0, 147);  
box-shadow:4px 4px 4px 4px rgb(200, 0,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0859, 14.3859, 28.8475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 0, 147) }
```

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

```
.background{ background-color: rgb(200, 0,  
147) }
```

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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