

Converting Colors

XYZ(25.5601, 8.9273, 21.1674)

Have a look what the booklet for
XYZ(25.5601, 8.9273, 21.1674)
contains.

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Color

**XYZ(28.0498, 14.0025,
21.9932)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C90081 |
| RGB | 201, 0, 129 |
| RGB Percent | 79%, 0%, 51% |
| CMY | 0.2118, 0.9999, 0.4941 |
| CMYK | 0.00, 1.00, 0.36, 0.21 |
| HSL | 321°, 100%, 39% |
| HSV | 321°, 100%, 79% |
| XYZ | 28.0498, 14.0025, 21.9932 |
| YIQ | 74.8050, 78.3870, 82.7310 |

Conversions

Conversions Part 2

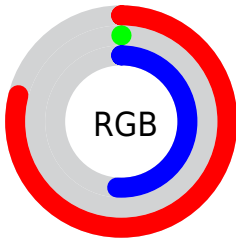
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 201, 0, 129 |
| Decimal | 13172865 |
| CIE Lab | 44.24, 73.25, -13.49 |
| CIE LCh | 44, 74.482, 349.564 |
| Yxy | 14.0025, 0.4380, 0.2186 |
| Android (android.graphics.Color) | 4291362945 (0xFFC90081) |
| YUV | 74.8050, 26.7181, 110.6730 |
| Hunter-Lab | 37.4199, 68.3179, -8.6532 |

Details

The XYZ color **28.0498, 14.0025, 21.9932** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **22.0580, 42.2418, 13.1283**, and the grayscale version is **6.6002, 6.9439, 7.5619**.

A 20% lighter version of the original color is **53.1732, 31.6168, 47.5561**, and **12.4325, 6.2419, 8.1390** is the 20% darker color. If you saturate the color by 10%, you get **28.0489, 14.0021, 21.9885**, and if you desaturate by 10%, it is **28.7982, 14.7060, 24.6884**.

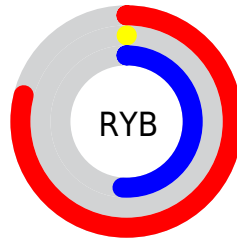
Distribution



Red (79%)

Green (0%)

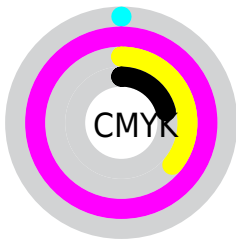
Blue (51%)



Red (79%)

Yellow (0%)

Blue (51%)

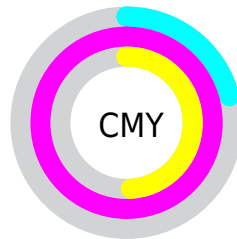


Cyan (0%)

Magenta (100%)

Yellow (36%)

Black (21%)



Cyan (21%)


Magenta (100%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0498, 14.0025, 21.9932 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 28.0498, 14.0025, 21.9932 by changing the saturation by 10% instead.


 28.0498, 14.0025,
21.9932


 28.0498, 14.0025,
21.9932


284.7806,
217.2464, 275.4631


 18.5038, 8.1224,
13.6536


 55.9720, 33.0935,
47.6368


 11.4142, 4.1734,
7.7442


 75.0790, 47.0731,
65.7779


 6.4155, 1.7710,
3.8463


 98.1037, 64.5214,
88.0233

 3.1424, 0.4690,
1.5414

 125.4115, 85.8228,
114.7915

 1.2295, 0.0000,
0.2485

 157.3677,
111.3615, 146.5010

 0.1295, 0.0000,
0.0000

 194.3377,

 0.0000, 0.0000,

141.5221, 183.5704

0.0000

236.6869,
176.6889, 226.4183

■ 28.0498, 14.0025,
21.9932

■ 28.0498, 14.0025,
21.9932

■ 28.0489, 14.0021,
21.9885

■ 28.7982, 14.7060,
24.6884

■ 29.8427, 15.9466,
27.6520

■ 31.2748, 17.9063,
30.9178

■ 33.1430, 20.6811,
34.5051

■ 35.4884, 24.3522,
38.4306

■ 38.3472, 28.9910,
42.7093

■ 41.7518, 34.6613,
47.3550

■ 45.7319, 41.4218,
52.3804

■ 50.3151, 49.3266,
57.7975

Harmonies

Analogous

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



24.0687, 14.0025, 47.9524



28.0498, 14.0025, 21.9932



27.2814, 14.0025, 6.6888

Triad

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



28.0498, 14.0025, 21.9932



9.8302, 14.0025, 0.4256



7.1767, 14.0025, 56.3213

Complementary

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



28.0498, 14.0025, 21.9932



22.0580, 42.2418, 13.1283

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.



5.1710, 14.0025, 29.0797



28.0498, 14.0025, 21.9932



6.3561, 14.0025, 2.3327

Square

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



28.0498, 14.0025, 21.9932



15.4933, 14.0025, 0.2112



4.9238, 14.0025, 10.0431



11.3403, 14.0025, 75.6080

Rectangle

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



28.0498, 14.0025, 21.9932



24.2353, 14.0025, 2.4438



4.9238, 14.0025, 10.0431



6.2880, 14.0025, 47.1365

Sweetspot

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



28.0502, 14.0033, 21.9934



71.2071, 58.8789, 80.7139



13.0959, 5.5339, 55.6362



14.6866, 11.6739, 16.5341



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.



28.0502, 14.0033, 21.9934



47.9083, 23.9273, 37.0450



24.3244, 12.5130, 2.3737



10.9156, 10.7496, 12.5386



17.6812, 8.8220, 14.0627



0.8709, 0.4312, 0.8432

Inverse Universe

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



28.0502, 14.0033, 21.9934



47.9083, 23.9273, 37.0450



28.2240, 44.7082, 45.5979



10.9156, 10.7496, 12.5386



17.6812, 8.8220, 14.0627



0.8709, 0.4312, 0.8432

Previews

White Background



This preview shows how the XYZ color 28.0498, 14.0025, 21.9932 looks on a white background.

Color Contrast Check

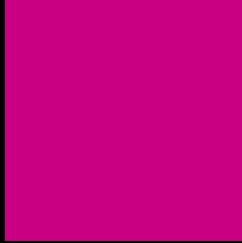
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0498, 14.0025, 21.9932 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 28.0498, 14.0025, 21.9932

Background



This preview shows how black text looks on a background with the XYZ color 28.0498, 14.0025, 21.9932.



This preview shows how white text looks on a background with the XYZ color 28.0498, 14.0025,

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

28.0498, 14.0025, 21.9932

Protanopia

16.3058, 14.7430, 47.8852

Deuteranopia

14.8960, 14.6362, 19.8093



Tritanopia

24.5914, 14.3605, 4.8439

Trichromacy



Original Color

28.0498, 14.0025, 21.9932



Protanomaly

16.2110, 10.4646, 36.7628



Deuteranomaly

17.0250, 11.2558, 20.0142



Tritanomaly

25.2904, 13.6329, 9.0830

Monochromacy



Original Color

28.0498, 14.0025, 21.9932



Achromatopsia

6.6877, 7.0360, 7.6622



Achromatomaly

11.0077, 7.0051, 11.5984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0498, 14.0025, 21.9932 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 129) }
```

Border

The CSS property to change the border of an element to XYZ 28.0498, 14.0025, 21.9932 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, 129) }
```


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

```
.border{ border-color:rgb(201, 0, 129) }
```

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, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 129);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0498, 14.0025, 21.9932 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, 129) }
```

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

```
.background{ background-color: rgb(201, 0,  
129) }
```

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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