

Converting Colors

XYZ(28.3719, 14.4106, 25.5500)

Have a look what the booklet for
XYZ(28.3719, 14.4106, 25.5500)
contains.

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Color

**XYZ(28.4297, 14.4388,
25.7147)**

Conversions

Conversions Part 1

Format	Color
Hex	C7128B
RGB	199, 18, 139
RGB Percent	78%, 7%, 55%
CMY	0.2196, 0.9293, 0.4549
CMYK	0.00, 0.91, 0.30, 0.22
HSL	320°, 83%, 43%
HSV	320°, 91%, 78%
XYZ	28.4297, 14.4388, 25.7147
YIQ	85.9130, 69.0350, 76.0030

Conversions

Conversions Part 2

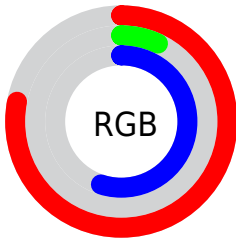
Format	Color
R_{YB}	199, 18, 139
Decimal	13046411
CIE _{Lab}	44.86, 72.08, -18.70
CIE _{LCh}	45, 74.463, 345.455
Yxy	14.4388, 0.4145, 0.2105
Android (android.graphics.Color)	4291236491 (0xFFC7128B)
YUV	85.9130, 26.1719, 99.1773
Hunter-Lab	37.9984, 67.0531, -13.5245

Details

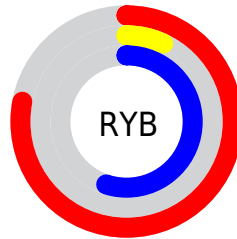
The XYZ color **28.4297, 14.4388, 25.7147** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **22.0493, 41.5261, 14.0652**, and the grayscale version is **8.7656, 9.2221, 10.0429**.

A 20% lighter version of the original color is **54.7800, 32.9390, 53.9227**, and **12.6184, 6.2967, 10.0015** is the 20% darker color. If you saturate the color by 10%, you get **27.7886, 13.8363, 23.4055**, and if you desaturate by 10%, it is **29.4010, 15.5863, 28.4893**.

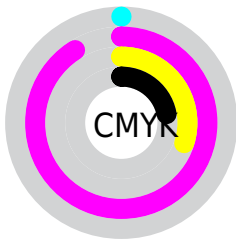
Distribution



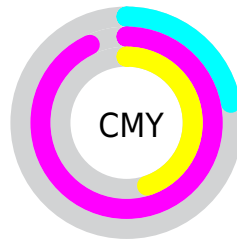
- Red (78%)
- Green (7%)
- Blue (55%)



- Red (78%)
- Yellow (7%)
- Blue (55%)



- Cyan (0%)
- Magenta (91%)
- Yellow (30%)
- Black (22%)




- Cyan (22%)
- Magenta (93%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4297, 14.4388, 25.7147 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 28.4297, 14.4388, 25.7147 by changing the saturation by 10% instead.


 28.4297, 14.4388,
25.7147


 28.4297, 14.4388,
25.7147


286.5575,
219.9438, 294.9395


 18.7919, 8.4265,
16.3865


 56.5736, 33.8656,
53.7927

 11.6231, 4.3690,
9.6407


 75.8105, 48.0489,
73.3797


 6.5580, 1.8821,
5.0589


 98.9777, 65.7246,
97.2232

 3.2311, 0.5376,
2.2225

 126.4407, 87.2772,
125.7419

 1.2771, 0.0000,
0.6873

 158.5649,
113.0910, 159.3544

 0.1660, 0.0000,
0.0000

 195.7155,

 0.0000, 0.0000,

143.5505, 198.4791

0.0000

238.2579,
179.0399, 243.5346

■ 28.4297, 14.4388,
25.7147

■ 28.4297, 14.4388,
25.7147

■ 27.7886, 13.8363,
23.4055

■ 29.4010, 15.5863,
28.4893

■ 30.7409, 17.4238,
31.5327

■ 32.4980, 20.0477,
34.8635

■ 34.7129, 23.5380,
38.4976

■ 37.4209, 27.9651,
42.4491

■ 40.6540, 33.3919,
46.7309

■ 44.4412, 39.8761,
51.3548

■ 48.8096, 47.4707,
56.3319

■ 53.7842, 56.2253,
61.6727

Harmonies

Analogous

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



23.8521, 14.4388, 52.8290



28.4297, 14.4388, 25.7147



28.3517, 14.4388, 8.3823

Triad

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



28.4297, 14.4388, 25.7147



10.8388, 14.4388, 0.3892



7.0495, 14.4388, 53.6770

Complementary

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



28.4297, 14.4388, 25.7147



22.0493, 41.5261, 14.0652

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.



5.2599, 14.4388, 26.4343



28.4297, 14.4388, 25.7147



6.9656, 14.4388, 1.9910

Square

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



28.4297, 14.4388, 25.7147



16.8730, 14.4388, 0.3678



5.2346, 14.4388, 8.7245



10.9928, 14.4388, 75.4731

Rectangle

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



28.4297, 14.4388, 25.7147



25.6150, 14.4388, 3.2016



5.2346, 14.4388, 8.7245



6.2352, 14.4388, 44.2268

Sweetspot

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



28.4302, 14.4396, 25.7149



73.4207, 62.2771, 84.6246



13.4532, 6.0662, 54.4948



15.2468, 12.5327, 17.5271



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.



28.4302, 14.4396, 25.7149



48.5392, 24.1797, 40.3673



24.3719, 12.8163, 4.3446



10.9278, 10.7545, 12.6031



17.9106, 8.9138, 15.2711



0.8806, 0.4351, 0.8943

Inverse Universe

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



28.4302, 14.4396, 25.7149



48.5392, 24.1797, 40.3673



27.5399, 43.7224, 42.9781



10.9278, 10.7545, 12.6031



17.9106, 8.9138, 15.2711



0.8806, 0.4351, 0.8943

Previews

White Background



This preview shows how the XYZ color 28.4297, 14.4388, 25.7147 looks on a white background.

Color Contrast Check

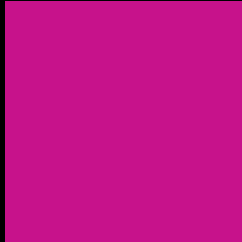
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4297, 14.4388, 25.7147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

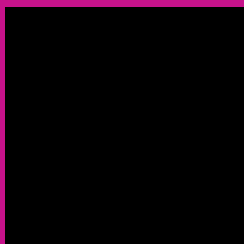
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.4297, 14.4388, 25.7147

Background



This preview shows how black text looks on a background with the XYZ color 28.4297, 14.4388, 25.7147.



This preview shows how white text looks on a background with the XYZ color 28.4297, 14.4388,

25.7147.

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

28.4297, 14.4388, 25.7147

Protanopia

17.0020, 15.1128, 54.2455

Deuteranopia

15.1442, 14.8407, 23.1854



Tritanopia

24.2449, 14.5795, 5.6739

Trichromacy



Original Color

28.4297, 14.4388, 25.7147



Protanomaly

16.8025, 11.3050, 41.8539



Deuteranomaly

17.4314, 12.0340, 23.5944



Tritanomaly

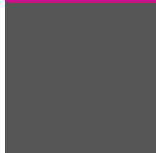
25.1310, 14.0344, 10.6169

Monochromacy



Original Color

28.4297, 14.4388, 25.7147



Achromatopsia

8.8453, 9.3059, 10.1341



Achromatomaly

12.9709, 8.8694, 14.3929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4297, 14.4388, 25.7147 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(199, 18, 139)` looks like.

```
.text, #text, p{  
    color:rgb(199, 18, 139)  
}
```

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(199, 18, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 18, 139) }
```

Border

The CSS property to change the border of an element to XYZ 28.4297, 14.4388, 25.7147 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(199, 18, 139) }
```


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

```
.border{ border-color:rgb(199, 18, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 18, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 18, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 18, 139);  
box-shadow:4px 4px 4px 4px rgb(199, 18,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4297, 14.4388, 25.7147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 18, 139) }
```

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

```
.background{ background-color: rgb(199, 18,  
139) }
```

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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