

Converting Colors

XYZ(28.8318, 14.3293, 25.4784)

Have a look what the booklet for
XYZ(28.8318, 14.3293, 25.4784)
contains.

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Color

**XYZ(28.6748, 14.2525,
25.2844)**

Conversions

Conversions Part 1

Format	Color
Hex	C9008A
RGB	201, 0, 138
RGB Percent	79%, 0%, 54%
CMY	0.2118, 0.9999, 0.4588
CMYK	0.00, 1.00, 0.31, 0.21
HSL	319°, 100%, 39%
HSV	319°, 100%, 79%
XYZ	28.6748, 14.2525, 25.2844
YIQ	75.8310, 75.4980, 85.5300

Conversions

Conversions Part 2

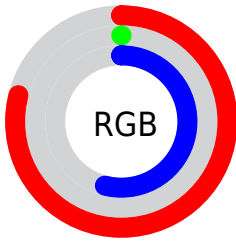
Format	Color
RYB	201, 0, 138
Decimal	13172874
CIELab	44.59, 74.17, -18.46
CIELCh	45, 76.431, 346.023
Yxy	14.2525, 0.4204, 0.2089
Android (android.graphics.Color)	4291362954 (0xFFC9008A)
YUV	75.8310, 30.6493, 109.7732
Hunter-Lab	37.7525, 69.5124, -13.2822

Details

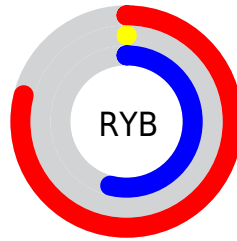
The XYZ color **28.6748, 14.2525, 25.2844** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **21.7853, 42.1328, 11.6923**, and the grayscale version is **6.7786, 7.1316, 7.7663**.

A 20% lighter version of the original color is **54.3268, 32.2105, 53.2231**, and **12.7460, 6.3673, 9.7897** is the 20% darker color. If you saturate the color by 10%, you get **28.6740, 14.2521, 25.2801**, and if you desaturate by 10%, it is **29.3971, 14.9455, 27.8418**.

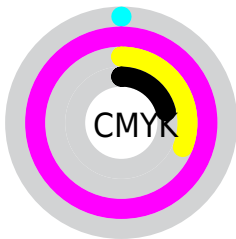
Distribution



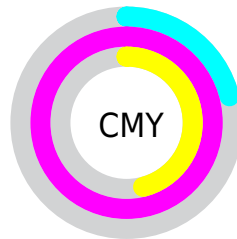
- Red (79%)
- Green (0%)
- Blue (54%)



- Red (79%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6748, 14.2525, 25.2844 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 28.6748, 14.2525, 25.2844 by changing the saturation by 10% instead.

 28.6748, 14.2525,
25.2844


 28.6748, 14.2525,
25.2844

287.6994,
218.7960, 292.7442


 18.9780, 8.2965,
16.0681


 56.9612, 33.5364,
53.0881

 11.7583, 4.2852,
9.4175


 76.2814, 47.6330,
72.5125


 6.6503, 1.8344,
4.9140


 99.5402, 65.2121,
96.1768

 3.2888, 0.5085,
2.1390

 127.1028, 86.6578,
124.4994

 1.3083, 0.0000,
0.6388

 159.3347,
112.3547, 157.8989

 0.1894, 0.0000,
0.0000

 196.6012,

 0.0000, 0.0000,

142.6871, 196.7939

0.0000

239.2677,
178.0394, 241.6028

■ 28.6748, 14.2525,
25.2844

■ 28.6748, 14.2525,
25.2844

■ 28.6740, 14.2521,
25.2801

■ 29.3971, 14.9455,
27.8418

■ 30.4079, 16.1726,
30.6281

■ 31.7985, 18.1157,
33.6759

■ 33.6174, 20.8707,
37.0032

■ 35.9053, 24.5188,
40.6258

■ 38.6981, 29.1312,
44.5575

■ 42.0282, 34.7717,
48.8111

■ 45.9251, 41.4989,
53.3982

■ 50.4161, 49.3667,
58.3298

Harmonies

Analogous

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



24.0337, 14.2525, 53.2176



28.6748, 14.2525, 25.2844



28.4940, 14.2525, 7.8878

Triad

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



28.6748, 14.2525, 25.2844



10.5219, 14.2525, 0.2393



6.8529, 14.2525, 55.1976

Complementary

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



28.6748, 14.2525, 25.2844



21.7853, 42.1328, 11.6923

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.



5.0295, 14.2525, 26.9463



28.6748, 14.2525, 25.2844



6.6640, 14.2525, 1.8482

Square

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



28.6748, 14.2525, 25.2844



16.6269, 14.2525, 0.1899



4.9729, 14.2525, 8.6600



10.8723, 14.2525, 77.5879

Rectangle

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



28.6748, 14.2525, 25.2844



25.6214, 14.2525, 2.8700



4.9729, 14.2525, 8.6600



6.0249, 14.2525, 45.4045

Sweetspot

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



28.6752, 14.2533, 25.2846



71.6864, 59.0707, 83.2382



12.4262, 5.1887, 55.6049



14.8012, 11.7197, 17.1375



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.



28.6752, 14.2533, 25.2846



48.9838, 24.3575, 42.7081



24.4747, 12.5731, 3.1649



10.9361, 10.7578, 12.6468



18.0720, 8.9784, 16.1210



0.8873, 0.4378, 0.9299

Inverse Universe

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



28.6752, 14.2533, 25.2846



48.9838, 24.3575, 42.7081



27.3031, 44.3399, 40.7487



10.9361, 10.7578, 12.6468



18.0720, 8.9784, 16.1210



0.8873, 0.4378, 0.9299

Previews

White Background



This preview shows how the XYZ color 28.6748, 14.2525, 25.2844 looks on a white background.

Color Contrast Check

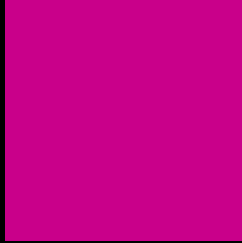
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6748, 14.2525, 25.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

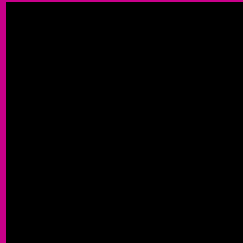
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.6748, 14.2525, 25.2844

Background



This preview shows how black text looks on a background with the XYZ color 28.6748, 14.2525, 25.2844.



This preview shows how white text looks on a background with the XYZ color 28.6748, 14.2525,

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

28.6748, 14.2525, 25.2844

Protanopia

17.1162, 15.1585, 54.8471

Deuteranopia

15.1984, 14.8763, 22.8392



Tritanopia

24.5634, 14.5358, 5.3820

Trichromacy



Original Color

28.6748, 14.2525, 25.2844



Protanomaly

16.6537, 10.6596, 42.2541



Deuteranomaly

17.3273, 11.4310, 23.1230



Tritanomaly

25.2777, 13.6863, 10.1135

Monochromacy



Original Color

28.6748, 14.2525, 25.2844



Achromatopsia

6.8694, 7.2272, 7.8704



Achromatomaly

11.1942, 7.0797, 12.5809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6748, 14.2525, 25.2844 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 138) }
```

Border

The CSS property to change the border of an element to XYZ 28.6748, 14.2525, 25.2844 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, 138) }
```


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

```
.border{ border-color:rgb(201, 0, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 138);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6748, 14.2525, 25.2844 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, 138) }
```

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

```
.background{ background-color: rgb(201, 0,  
138) }
```

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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