

Converting Colors

XYZ(28.6483, 14.2559, 24.5126)

Have a look what the booklet for
XYZ(28.6483, 14.2559, 24.5126)
contains.

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Color

**XYZ(28.5313, 14.1951,
24.5287)**

Conversions

Conversions Part 1

Format	Color
Hex	C90088
RGB	201, 0, 136
RGB Percent	79%, 0%, 53%
CMY	0.2118, 0.9999, 0.4667
CMYK	0.00, 1.00, 0.32, 0.21
HSL	319°, 100%, 39%
HSV	319°, 100%, 79%
XYZ	28.5313, 14.1951, 24.5287
YIQ	75.6030, 76.1400, 84.9080

Conversions

Conversions Part 2

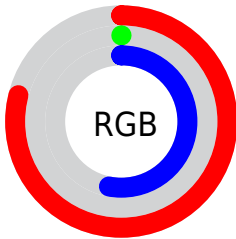
Format	Color
R_{YB}	201, 0, 136
Decimal	13172872
CIE _{Lab}	44.51, 73.96, -17.36
CIE _{LCh}	45, 75.970, 346.788
Yxy	14.1951, 0.4242, 0.2111
Android (android.graphics.Color)	4291362952 (0xFFC90088)
YUV	75.6030, 29.7757, 109.9732
Hunter-Lab	37.6764, 69.2395, -12.2265

Details

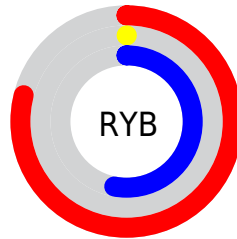
The XYZ color **28.5313, 14.1951, 24.5287** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **21.8423, 42.1556, 11.9923**, and the grayscale version is **6.7387, 7.0896, 7.7206**.

A 20% lighter version of the original color is **53.9977, 32.0789, 51.4900**, and **12.6642, 6.3346, 9.3593** is the 20% darker color. If you saturate the color by 10%, you get **28.5305, 14.1947, 24.5243**, and if you desaturate by 10%, it is **29.2602, 14.8908, 27.1210**.

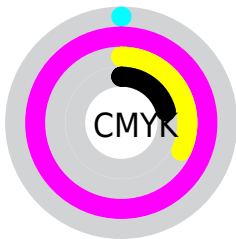
Distribution



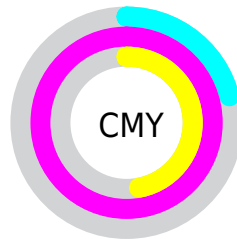
- Red (79%)
- Green (0%)
- Blue (53%)



- Red (79%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5313, 14.1951, 24.5287 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 28.5313, 14.1951, 24.5287 by changing the saturation by 10% instead.


 28.5313, 14.1951,
24.5287


 28.5313, 14.1951,
24.5287


287.0313,
218.4412, 288.8548


 18.8690, 8.2565,
15.5105


 56.7343, 33.4348,
51.8462


 11.6791, 4.2595,
9.0278


 76.0058, 47.5047,
70.9825

 6.5962, 1.8198,
4.6623


 99.2110, 65.0538,
94.3286

 3.2550, 0.4994,
1.9953

 126.7154, 86.4665,
122.3031

 1.2900, 0.0000,
0.5524

 158.8842,
112.1272, 155.3244

 0.1757, 0.0000,
0.0000

 196.0829,

 0.0000, 0.0000,

142.4203, 193.8111

0.0000

238.6768,
177.7301, 238.1817

■ 28.5313, 14.1951,
24.5287

■ 28.5313, 14.1951,
24.5287

■ 28.5305, 14.1947,
24.5243

■ 29.2602, 14.8908,
27.1210

■ 30.2792, 16.1211,
29.9507

■ 31.6798, 18.0682,
33.0504

■ 33.5102, 20.8279,
36.4387

■ 35.8114, 24.4813,
40.1314

■ 38.6193, 29.0997,
44.1425

■ 41.9663, 34.7470,
48.4851

■ 45.8820, 41.4817,
53.1709

■ 50.3936, 49.3578,
58.2112

Harmonies

Analogous

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



24.0374, 14.1951, 52.0159



28.5313, 14.1951, 24.5287



28.2188, 14.1951, 7.6114

Triad

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



28.5313, 14.1951, 24.5287



10.3654, 14.1951, 0.2805



6.9227, 14.1951, 55.4333

Complementary

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



28.5313, 14.1951, 24.5287



21.8423, 42.1556, 11.9923

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.



5.0600, 14.1951, 27.4026



28.5313, 14.1951, 24.5287



6.5946, 14.1951, 1.9485

Square

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



28.5313, 14.1951, 24.5287



16.3700, 14.1951, 0.1947



4.9616, 14.1951, 8.9521



10.9728, 14.1951, 77.1332

Rectangle

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



28.5313, 14.1951, 24.5287



25.3072, 14.1951, 2.7720



4.9616, 14.1951, 8.9521



6.0816, 14.1951, 45.7740

Sweetspot

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



28.5317, 14.1959, 24.5289



71.5791, 59.0277, 82.6729



12.6363, 5.2970, 55.6147



14.7755, 11.7094, 17.0022



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.



28.5317, 14.1959, 24.5289



48.7367, 24.2587, 41.4069



24.4198, 12.5511, 2.8760



10.9315, 10.7560, 12.6227



17.9823, 8.9425, 15.6487



0.8836, 0.4363, 0.9102

Inverse Universe

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



28.5317, 14.1959, 24.5289



48.7367, 24.2587, 41.4069



27.6021, 44.4595, 42.3230



10.9315, 10.7560, 12.6227



17.9823, 8.9425, 15.6487



0.8836, 0.4363, 0.9102

Previews

White Background



This preview shows how the XYZ color 28.5313, 14.1951, 24.5287 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 28.5313, 14.1951, 24.5287 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 28.5313, 14.1951, 24.5287

Background



This preview shows how black text looks on a background with the XYZ color 28.5313, 14.1951, 24.5287.



This preview shows how white text looks on a background with the XYZ color 28.5313, 14.1951,

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

28.5313, 14.1951, 24.5287

Protanopia

16.9035, 15.0882, 53.0603

Deuteranopia

15.0667, 14.8236, 22.1458



Tritanopia

24.7979, 14.6596, 5.2640

Trichromacy



Original Color

28.5313, 14.1951, 24.5287



Protanomaly

16.4894, 10.6088, 40.7138



Deuteranomaly

17.1917, 11.3768, 22.4089



Tritanomaly

25.5004, 13.8057, 9.9151

Monochromacy



Original Color

28.5313, 14.1951, 24.5287



Achromatopsia

6.8694, 7.2272, 7.8704



Achromatomaly

11.1467, 7.0607, 12.3306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5313, 14.1951, 24.5287 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 136) }
```

Border

The CSS property to change the border of an element to XYZ 28.5313, 14.1951, 24.5287 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, 136) }
```


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

```
.border{ border-color:rgb(201, 0, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 136);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5313, 14.1951, 24.5287 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, 136) }
```

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

```
.background{ background-color: rgb(201, 0,  
136) }
```

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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