

Converting Colors

XYZ(28.4756, 14.2387, 22.7202)

Have a look what the booklet for
XYZ(28.4756, 14.2387, 22.7202)
contains.

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Color

**XYZ(28.4756, 14.2387,
22.7202)**

Conversions

Conversions Part 1

Format	Color
Hex	CA0283
RGB	202, 2, 131
RGB Percent	79%, 1%, 51%
CMY	0.2078, 0.9920, 0.4863
CMYK	0.00, 0.99, 0.35, 0.21
HSL	321°, 98%, 40%
HSV	321°, 99%, 79%
XYZ	28.4756, 14.2387, 22.7202
YIQ	76.5060, 77.7910, 82.5190

Conversions

Conversions Part 2

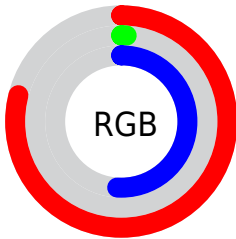
Format	Color
R_{YB}	202, 2, 131
Decimal	13238915
CIE _{Lab}	44.57, 73.47, -14.19
CIE _{LCh}	45, 74.831, 349.069
Yxy	14.2387, 0.4352, 0.2176
Android (android.graphics.Color)	4291428995 (0xFFCA0283)
YUV	76.5060, 26.8655, 110.0582
Hunter-Lab	37.7342, 68.6677, -9.2853

Details

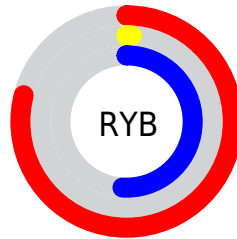
The XYZ color **28.4756, 14.2387, 22.7202** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **22.3499, 42.7358, 13.3807**, and the grayscale version is **6.9083, 7.2681, 7.9150**.

A 20% lighter version of the original color is **53.4641, 31.8654, 48.6802**, and **12.6783, 6.3600, 8.5420** is the 20% darker color. If you saturate the color by 10%, you get **28.4050, 14.1757, 22.4557**, and if you desaturate by 10%, it is **29.2486, 14.9795, 25.4600**.

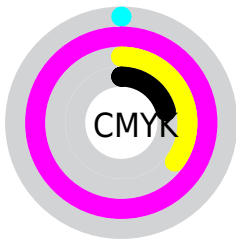
Distribution



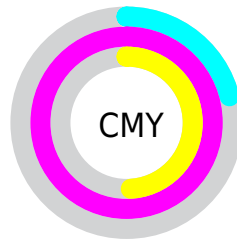
- Red (79%)
- Green (1%)
- Blue (51%)



- Red (79%)
- Yellow (1%)
- Blue (51%)



- Cyan (0%)
- Magenta (99%)
- Yellow (35%)
- Black (21%)





- Cyan (21%)
- Magenta (99%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4756, 14.2387, 22.7202 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 28.4756, 14.2387, 22.7202 by changing the saturation by 10% instead.


 28.4756, 14.2387,
22.7202


 28.4756, 14.2387,
22.7202


286.7716,
218.7108, 279.3598


 18.8268, 8.2869,
14.1837


 56.6462, 33.5120,
48.8508

 11.6484, 4.2791,
8.1083


 75.8987, 47.6022,
67.2821


 6.5753, 1.8309,
4.0756


 99.0831, 65.1740,
89.8486

 3.2419, 0.5063,
1.6669

 126.5648, 86.6118,
116.9690

 1.2829, 0.0000,
0.3379

 158.7092,
112.3000, 149.0617

 0.1704, 0.0000,
0.0000

 195.8815,

 0.0000, 0.0000,

142.6230, 186.5454

0.0000

238.4472,
177.9651, 229.8386

■ 28.4756, 14.2387,
22.7202

■ 28.4756, 14.2387,
22.7202

■ 28.4050, 14.1757,
22.4557

■ 29.2486, 14.9795,
25.4600

■ 30.3382, 16.2987,
28.4746

■ 31.8246, 18.3555,
31.7940

■ 33.7560, 21.2454,
35.4371

■ 36.1734, 25.0494,
39.4208

■ 39.1129, 29.8388,
43.7598

■ 42.6071, 35.6777,
48.4681

■ 46.6858, 42.6251,
53.5582

■ 51.3767, 50.7351,
59.0421

Harmonies

Analogous

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



24.3659, 14.2387, 49.1896



28.4756, 14.2387, 22.7202



27.7795, 14.2387, 6.9654

Triad

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



28.4756, 14.2387, 22.7202



10.0765, 14.2387, 0.4283



7.2518, 14.2387, 56.7706

Complementary

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



28.4756, 14.2387, 22.7202



22.3499, 42.7358, 13.3807

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.



5.2457, 14.2387, 29.1394



28.4756, 14.2387, 22.7202



6.5083, 14.2387, 2.3156

Square

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



28.4756, 14.2387, 22.7202



15.8620, 14.2387, 0.2361



5.0217, 14.2387, 10.0040



11.4447, 14.2387, 76.6435

Rectangle

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



28.4756, 14.2387, 22.7202



24.7272, 14.2387, 2.5570



5.0217, 14.2387, 10.0040



6.3603, 14.2387, 47.4209

Sweetspot

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



28.4760, 14.2395, 22.7204



71.2411, 58.8925, 80.8931



13.3571, 5.6871, 56.2710



14.6947, 11.6771, 16.5769



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.



28.4760, 14.2395, 22.7204



47.9823, 23.9569, 37.4345



24.6404, 12.7053, 2.5224



11.5118, 11.3335, 13.2300



18.3220, 9.1394, 14.6802



0.9805, 0.4856, 0.9431

Inverse Universe

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



28.4760, 14.2395, 22.7204



47.9823, 23.9569, 37.4345



28.5930, 45.2331, 46.2565



11.5118, 11.3335, 13.2300



18.3220, 9.1394, 14.6802



0.9805, 0.4856, 0.9431

Previews

White Background



This preview shows how the XYZ color 28.4756, 14.2387, 22.7202 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 28.4756, 14.2387, 22.7202 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 28.4756, 14.2387, 22.7202

Background



This preview shows how black text looks on a background with the XYZ color 28.4756, 14.2387, 22.7202.



This preview shows how white text looks on a background with the XYZ color 28.4756, 14.2387,

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

28.4756, 14.2387, 22.7202

Protanopia

16.6197, 15.0306, 49.0389

Deuteranopia

15.1200, 14.8878, 20.4891



Tritanopia

24.9198, 14.5926, 4.9933

Trichromacy



Original Color

28.4756, 14.2387, 22.7202



Protanomaly

16.6499, 10.8462, 37.7752



Deuteranomaly

17.2704, 11.5442, 20.7200



Tritanomaly

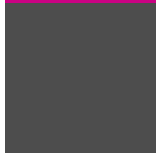
25.6482, 13.8954, 9.3129

Monochromacy



Original Color

28.4756, 14.2387, 22.7202



Achromatopsia

7.0540, 7.4214, 8.0819



Achromatomaly

11.3243, 7.2818, 12.1179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4756, 14.2387, 22.7202 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(202, 2, 131)` looks like.

```
.text, #text, p{  
    color:rgb(202, 2, 131)  
}
```

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(202, 2, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 2, 131) }
```

Border

The CSS property to change the border of an element to XYZ 28.4756, 14.2387, 22.7202 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(202, 2, 131) }
```


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

```
.border{ border-color:rgb(202, 2, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 2, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 2, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 2, 131);  
box-shadow:4px 4px 4px 4px rgb(202, 2,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4756, 14.2387, 22.7202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 2, 131) }
```

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

```
.background{ background-color: rgb(202, 2,  
131) }
```

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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