

Converting Colors

XYZ(28.5980, 14.3193, 23.2660)

Have a look what the booklet for
XYZ(28.5980, 14.3193, 23.2660)
contains.

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Color

**XYZ(28.5654, 14.3093,
23.0862)**

Conversions

Conversions Part 1

Format	Color
Hex	CA0484
RGB	202, 4, 132
RGB Percent	79%, 2%, 52%
CMY	0.2078, 0.9842, 0.4824
CMYK	0.00, 0.98, 0.35, 0.21
HSL	321°, 96%, 40%
HSV	321°, 98%, 79%
XYZ	28.5654, 14.3093, 23.0862
YIQ	77.7940, 76.9200, 81.7840

Conversions

Conversions Part 2

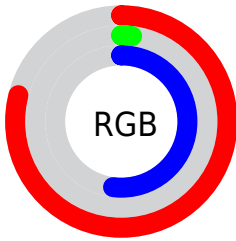
Format	Color
R_{YB}	202, 4, 132
Decimal	13239428
CIE Lab	44.67, 73.39, -14.65
CIE LCh	45, 74.842, 348.711
Yxy	14.3093, 0.4331, 0.2169
Android (android.graphics.Color)	4291429508 (0xFFCA0484)
YUV	77.7940, 26.7236, 108.9287
Hunter-Lab	37.8276, 68.5953, -9.7053

Details

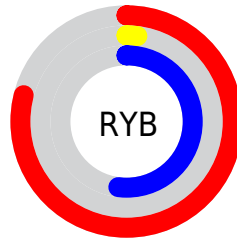
The XYZ color **28.5654, 14.3093, 23.0862** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **22.4082, 42.7620, 13.5574**, and the grayscale version is **7.1474, 7.5196, 8.1889**.

A 20% lighter version of the original color is **53.6531, 32.0751, 49.2622**, and **12.6783, 6.3600, 8.5420** is the 20% darker color. If you saturate the color by 10%, you get **28.4251, 14.1837, 22.5612**, and if you desaturate by 10%, it is **29.3593, 15.0878, 25.8457**.

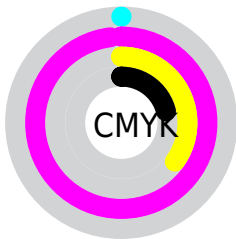
Distribution



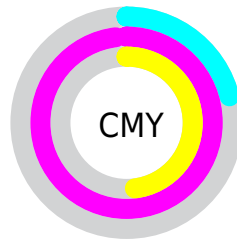
- Red (79%)
- Green (2%)
- Blue (52%)



- Red (79%)
- Yellow (2%)
- Blue (52%)



- Cyan (0%)
- Magenta (98%)
- Yellow (35%)
- Black (21%)





- Cyan (21%)
- Magenta (98%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5654, 14.3093, 23.0862 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 28.5654, 14.3093, 23.0862 by changing the saturation by 10% instead.

 28.5654, 14.3093,
23.0862

 28.5654, 14.3093,
23.0862


287.1902,
219.1466, 281.3037


 18.8949, 8.3361,
14.4513


 56.7882, 33.6368,
49.4598

 11.6979, 4.3108,
8.2929


 76.0713, 47.7600,
68.0356


 6.6091, 1.8489,
4.1925


 99.2893, 65.3685,
90.7620

 3.2630, 0.5174,
1.7315

 126.8075, 86.8469,
118.0577

 1.2943, 0.0000,
0.3822

 158.9913,
112.5795, 150.3412

 0.1790, 0.0000,
0.0000

 196.2062,

 0.0000, 0.0000,

142.9507, 188.0310

0.0000

238.8173,
178.3450, 231.5456

■ 28.5654, 14.3093,
23.0862

■ 28.5654, 14.3093,
23.0862

■ 28.4251, 14.1837,
22.5612

■ 29.3593, 15.0878,
25.8457

■ 30.4847, 16.4747,
28.8839

■ 32.0117, 18.6094,
32.2275

■ 33.9879, 21.5856,
35.8952

■ 36.4534, 25.4832,
39.9034

■ 39.4442, 30.3727,
44.2669

■ 42.9924, 36.3177,
48.9993

■ 47.1277, 43.3765,
54.1132

■ 51.8773, 51.6031,
59.6203

Harmonies

Analogous

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



24.3961, 14.3093, 49.7030



28.5654, 14.3093, 23.0862



27.9286, 14.3093, 7.1264

Triad

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



28.5654, 14.3093, 23.0862



10.1881, 14.3093, 0.4290



7.2591, 14.3093, 56.6361

Complementary

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



28.5654, 14.3093, 23.0862



22.4082, 42.7620, 13.5574

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.



5.2680, 14.3093, 28.9587



28.5654, 14.3093, 23.0862



6.5783, 14.3093, 2.2922

Square

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



28.5654, 14.3093, 23.0862



16.0167, 14.3093, 0.2537



5.0628, 14.3093, 9.9082



11.4405, 14.3093, 76.7636

Rectangle

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



28.5654, 14.3093, 23.0862



24.8980, 14.3093, 2.6286



5.0628, 14.3093, 9.9082



6.3724, 14.3093, 47.2474

Sweetspot

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



28.5658, 14.3101, 23.0864



71.8962, 59.9769, 81.8075



13.4766, 5.7809, 56.2828



14.8199, 11.8816, 16.7601



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.



28.5658, 14.3101, 23.0864



48.0164, 23.9705, 37.6138



24.6858, 12.7581, 2.6544



11.5126, 11.3338, 13.2337



18.3348, 9.1445, 14.7477



0.9811, 0.4858, 0.9463

Inverse Universe

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



28.5658, 14.3101, 23.0864



48.0164, 23.9705, 37.6138



28.6468, 45.2575, 46.4093



11.5126, 11.3338, 13.2337



18.3348, 9.1445, 14.7477



0.9811, 0.4858, 0.9463

Previews

White Background



This preview shows how the XYZ color 28.5654, 14.3093, 23.0862 looks on a white background.

Color Contrast Check

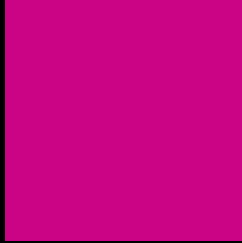
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5654, 14.3093, 23.0862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

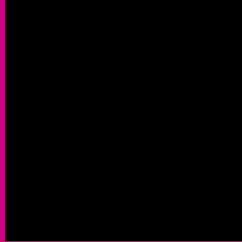
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.5654, 14.3093, 23.0862

Background



This preview shows how black text looks on a background with the XYZ color 28.5654, 14.3093, 23.0862.



This preview shows how white text looks on a background with the XYZ color 28.5654, 14.3093,

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

28.5654, 14.3093, 23.0862

Protanopia

16.7627, 15.0794, 50.1712

Deuteranopia

15.1823, 14.9127, 20.8171



Tritanopia

24.9198, 14.5926, 4.9933

Trichromacy



Original Color

28.5654, 14.3093, 23.0862



Protanomaly

16.6062, 10.8129, 38.2577



Deuteranomaly

17.3346, 11.5699, 21.0582



Tritanomaly

25.6772, 13.9534, 9.3226

Monochromacy



Original Color

28.5654, 14.3093, 23.0862



Achromatopsia

7.2414, 7.6185, 8.2966



Achromatomaly

11.5568, 7.4604, 12.3862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5654, 14.3093, 23.0862 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, 4, 132)` looks like.

```
.text, #text, p{  
    color:rgb(202, 4, 132)  
}
```

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, 4, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 4, 132) }
```

Border

The CSS property to change the border of an element to XYZ 28.5654, 14.3093, 23.0862 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, 4, 132) }
```


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

```
.border{ border-color:rgb(202, 4, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 4, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 4, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 4, 132);  
box-shadow:4px 4px 4px 4px rgb(202, 4,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5654, 14.3093, 23.0862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 4, 132) }
```

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

```
.background{ background-color: rgb(202, 4,  
132) }
```

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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