

Converting Colors

XYZ(29.5731, 17.2241, 25.8766)

Have a look what the booklet for
XYZ(29.5731, 17.2241, 25.8766)
contains.

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Color

**XYZ(29.5449, 17.1782,
25.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	C63D8A
RGB	198, 61, 138
RGB Percent	78%, 24%, 54%
CMY	0.2235, 0.7608, 0.4588
CMYK	0.00, 0.69, 0.30, 0.22
HSL	326°, 55%, 51%
HSV	326°, 69%, 78%
XYZ	29.5449, 17.1782, 25.8033
YIQ	110.7410, 56.9350, 52.9910

Conversions

Conversions Part 2

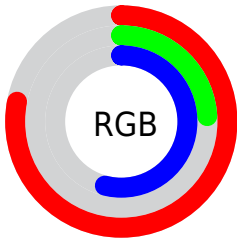
Format	Color
R_{YB}	198, 61, 138
Decimal	12991882
CIE _{Lab}	48.48, 60.75, -12.59
CIE _{LCh}	48, 62.045, 348.295
Yxy	17.1782, 0.4074, 0.2369
Android (android.graphics.Color)	4291181962 (0xFFC63D8A)
YUV	110.7410, 13.4387, 76.5261
Hunter-Lab	41.4466, 54.7109, -7.8994

Details

The XYZ color **29.5449, 17.1782, 25.8033** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **25.5707, 42.7613, 24.9976**, and the grayscale version is **14.9862, 15.7666, 17.1698**.

A 20% lighter version of the original color is **57.1224, 37.9785, 53.6101**, and **12.5767, 6.2800, 9.7818** is the 20% darker color. If you saturate the color by 10%, you get **28.0732, 15.1998, 22.3378**, and if you desaturate by 10%, it is **31.4577, 19.9584, 29.6635**.

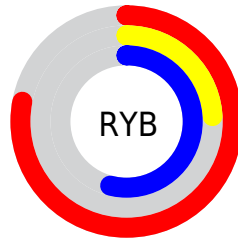
Distribution



Red (78%)

Green (24%)

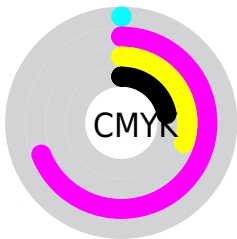
Blue (54%)



Red (78%)

Yellow (24%)

Blue (54%)

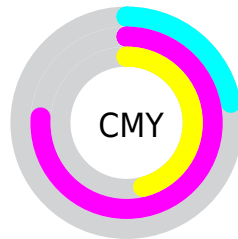


Cyan (0%)

Magenta (69%)

Yellow (30%)

Black (22%)



Cyan (22%)


Magenta (76%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5449, 17.1782, 25.8033 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 29.5449, 17.1782, 25.8033 by changing the saturation by 10% instead.

 29.5449, 17.1782,
25.8033

 29.5449, 17.1782,
25.8033


291.7254,
236.1972, 295.3898


 19.6398, 10.3616,
16.4521


 58.3333, 38.6319,
53.9376


 12.2402, 5.6394,
9.6868


 77.9473, 54.0378,
73.5578


 6.9808, 2.6271,
5.0889


 101.5282, 73.0757,
97.4381

 3.4963, 0.9403,
2.2399

 129.4416, 96.1298,
125.9971

 1.4214, 0.0000,
0.6972

 162.0526,
123.5846, 159.6532

 0.2714, 0.0000,
0.0000

199.7266,

 0.0000, 0.0000,

155.8245, 198.8250

0.0000

242.8291,
193.2339, 243.9310

■ 29.5449, 17.1782,
25.8033

■ 29.5449, 17.1782,
25.8033

■ 28.0732, 15.1998,
22.3378

■ 31.4577, 19.9584,
29.6635

■ 26.9947, 13.9293,
19.2447

■ 33.8498, 23.6153,
33.9363

■ 26.2300, 13.2102,
16.4920

■ 36.7567, 28.2180,
38.6391

■ 26.1735, 13.1597,
16.2806

■ 40.2100, 33.8278,
43.7874

■ 44.2385, 40.5011,
49.3961

■ 48.8691, 48.2899,
55.4790

■ 54.1269, 57.2428,
62.0492

■ 60.0354, 67.4054,
69.1194

■ 66.6171, 78.8210,
76.7014

Harmonies

Analogous

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



25.9266, 17.1782, 48.2296



29.5449, 17.1782, 25.8033



29.0644, 17.1782, 10.4957

Triad

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



29.5449, 17.1782, 25.8033



13.1299, 17.1782, 1.9437



10.0798, 17.1782, 53.1761

Complementary

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



29.5449, 17.1782, 25.8033



25.5707, 42.7613, 24.9976

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.



7.9908, 17.1782, 30.3567



29.5449, 17.1782, 25.8033



9.4491, 17.1782, 4.6485

Square

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



29.5449, 17.1782, 25.8033



18.6475, 17.1782, 1.7450



7.7905, 17.1782, 13.0434



14.2081, 17.1782, 69.1758

Rectangle

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



29.5449, 17.1782, 25.8033



26.5000, 17.1782, 5.2359



7.7905, 17.1782, 13.0434



9.1616, 17.1782, 45.5950

Sweetspot

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



29.5454, 17.1791, 25.8036



76.7328, 69.0438, 85.2890



19.6595, 11.4352, 54.5973



15.9869, 14.0524, 17.6523



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.



29.5454, 17.1791, 25.8036



48.6651, 25.6327, 36.7059



26.0679, 15.7881, 7.4911



10.8793, 10.7351, 12.3476



17.0649, 8.5755, 10.8174



0.8440, 0.4204, 0.7015

Inverse Universe

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



29.5454, 17.1791, 25.8036



48.6651, 25.6327, 36.7059



31.2900, 45.0490, 55.1149



10.8793, 10.7351, 12.3476



17.0649, 8.5755, 10.8174



0.8440, 0.4204, 0.7015

Previews

White Background



This preview shows how the XYZ color 29.5449, 17.1782, 25.8033 looks on a white background.

Color Contrast Check

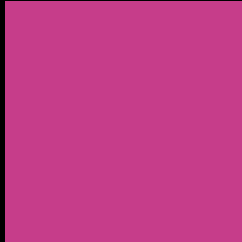
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5449, 17.1782, 25.8033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

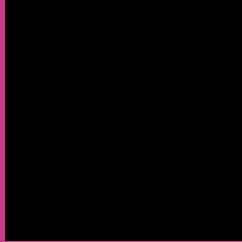
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.5449, 17.1782, 25.8033

Background



This preview shows how black text looks on a background with the XYZ color 29.5449, 17.1782, 25.8033.



This preview shows how white text looks on a background with the XYZ color 29.5449, 17.1782,

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

29.5449, 17.1782, 25.8033

Protanopia

18.4699, 17.5489, 43.4881

Deuteranopia

17.7476, 17.4420, 23.9040



Tritanopia

26.3178, 17.2323, 9.7236

Trichromacy



Original Color

29.5449, 17.1782, 25.8033

Protanomaly

20.1295, 15.6986, 36.1516

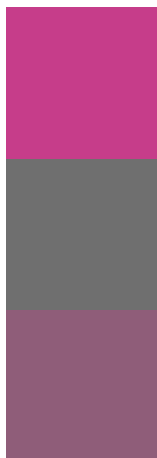
Deuteranomaly

20.5185, 16.0225, 24.5655

Tritanomaly

27.1572, 17.0679, 14.4335

Monochromacy



Original Color

29.5449, 17.1782, 25.8033

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

18.6932, 15.0488, 20.0086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5449, 17.1782, 25.8033 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(198, 61, 138)` looks like.

```
.text, #text, p{  
    color:rgb(198, 61, 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(198, 61, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 61, 138) }
```

Border

The CSS property to change the border of an element to XYZ 29.5449, 17.1782, 25.8033 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(198, 61, 138) }
```


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

```
.border{ border-color:rgb(198, 61, 138) }
```

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

Here you see how a box with a 4 pixel rgb(198, 61, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 61, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 61, 138);  
box-shadow:4px 4px 4px 4px rgb(198, 61,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5449, 17.1782, 25.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 61, 138) }
```

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

```
.background{ background-color: rgb(198, 61,  
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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