

Converting Colors

XYZ(29.3582, 16.9603, 24.2535)

Have a look what the booklet for
XYZ(29.3582, 16.9603, 24.2535)
contains.

XYZ(29.4202, 16.9913, 24.2833)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.4202, 16.9913,
24.2833)**

Conversions

Conversions Part 1

Format	Color
Hex	C73B86
RGB	199, 59, 134
RGB Percent	78%, 23%, 53%
CMY	0.2196, 0.7686, 0.4745
CMYK	0.00, 0.70, 0.33, 0.22
HSL	328°, 56%, 51%
HSV	328°, 70%, 78%
XYZ	29.4202, 16.9913, 24.2833
YIQ	109.4100, 59.3650, 53.0050

Conversions

Conversions Part 2

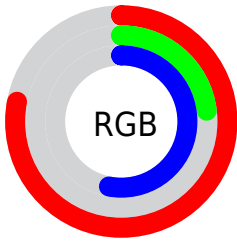
Format	Color
RYB	199, 59, 134
Decimal	13056902
CIELab	48.25, 61.29, -10.51
CIElCh	48, 62.184, 350.267
Yxy	16.9913, 0.4162, 0.2403
Android (android.graphics.Color)	4291246982 (0xFFC73B86)
YUV	109.4100, 12.1229, 78.5704
Hunter-Lab	41.2205, 55.2644, -6.0738

Details

The XYZ color **29.4202, 16.9913, 24.2833** 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 **25.8662, 43.2323, 26.0530**, and the grayscale version is **14.6081, 15.3689, 16.7367**.

A 20% lighter version of the original color is **56.5709, 37.5704, 51.2839**, and **12.5847, 6.3028, 8.9408** is the 20% darker color. If you saturate the color by 10%, you get **27.9687, 15.0749, 20.7576**, and if you desaturate by 10%, it is **31.3187, 19.7114, 28.2361**.

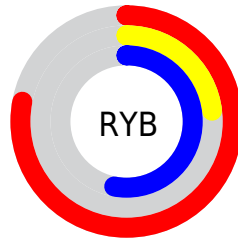
Distribution



Red (78%)

Green (23%)

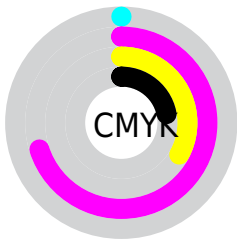
Blue (53%)



Red (78%)

Yellow (23%)

Blue (53%)

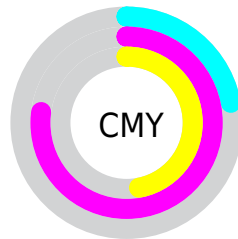


Cyan (0%)

Magenta (70%)

Yellow (33%)

Black (22%)



Cyan (22%)


Magenta (77%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4202, 16.9913, 24.2833 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 29.4202, 16.9913, 24.2833 by changing the saturation by 10% instead.


 29.4202, 16.9913,
24.2833


 29.4202, 16.9913,
24.2833


291.1510,
235.1222, 287.5822


 19.5448, 10.2283,
15.3298


 58.1370, 38.3108,
51.4417


 12.1709, 5.5506,
8.9020


 77.7091, 53.6361,
70.4837


 6.9332, 2.5738,
4.5813


 101.2441, 72.5843,
93.7256

 3.4663, 0.9135,
1.9494

 129.1075, 95.5397,
121.5859

 1.4049, 0.0000,
0.5239

 161.6645,
122.8869, 154.4831

 0.2597, 0.0000,
0.0000

199.2805,

 0.0000, 0.0000,

155.0101, 192.8359

0.0000

242.3209,
192.2937, 237.0628

■ 29.4202, 16.9913,
24.2833

■ 29.4202, 16.9913,
24.2833

■ 27.9687, 15.0749,
20.7576

■ 31.3187, 19.7114,
28.2361

■ 26.9142, 13.8648,
17.6349

■ 33.7038, 23.3124,
32.6357

■ 26.1861, 13.1953,
14.9671

■ 36.6121, 27.8653,
37.5009

■ 40.0761, 33.4330,
42.8489

■ 44.1256, 40.0733,
48.6959

■ 48.7881, 47.8391,
55.0570

■ 54.0895, 56.7803,
61.9466

■ 60.0540, 66.9434,
69.3784

■ 66.7045, 78.3727,
77.3657

Harmonies

Analogous

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



26.0439, 16.9913, 46.4170



29.4202, 16.9913, 24.2833



28.6558, 16.9913, 9.6706

Triad

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



29.4202, 16.9913, 24.2833



12.6667, 16.9913, 1.9627



10.1462, 16.9913, 54.2937

Complementary

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



29.4202, 16.9913, 24.2833



25.8662, 43.2323, 26.0530

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.



7.9430, 16.9913, 31.5281



29.4202, 16.9913, 24.2833



9.1449, 16.9913, 4.8766

Square

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



29.4202, 16.9913, 24.2833



18.0595, 16.9913, 1.6493



7.6253, 16.9913, 13.7176



14.3796, 16.9913, 69.3326

Rectangle

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



29.4202, 16.9913, 24.2833



25.9543, 16.9913, 4.7856



7.6253, 16.9913, 13.7176



9.1897, 16.9913, 46.8296

Sweetspot

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



29.4207, 16.9922, 24.2836



76.5338, 68.9642, 84.2408



19.9000, 11.3903, 55.1825



15.9396, 14.0335, 17.4030



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.



29.4207, 16.9922, 24.2836



47.9883, 25.2170, 33.5887



26.1012, 15.6644, 6.8034



10.8674, 10.7303, 12.2850



16.8829, 8.5027, 9.8593



0.8357, 0.4171, 0.6581

Inverse Universe

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



29.4207, 16.9922, 24.2836



47.9883, 25.2170, 33.5887



31.7420, 45.5827, 56.9947



10.8674, 10.7303, 12.2850



16.8829, 8.5027, 9.8593



0.8357, 0.4171, 0.6581

Previews

White Background



This preview shows how the XYZ color 29.4202, 16.9913, 24.2833 looks on a white background.

Color Contrast Check

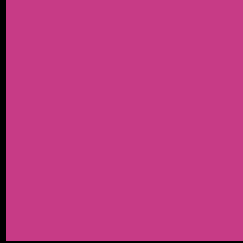
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4202, 16.9913, 24.2833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

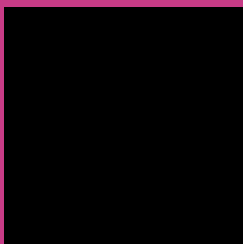
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.4202, 16.9913, 24.2833

Background



This preview shows how black text looks on a background with the XYZ color 29.4202, 16.9913, 24.2833.



This preview shows how white text looks on a background with the XYZ color 29.4202, 16.9913,

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

29.4202, 16.9913, 24.2833

Protanopia

18.0708, 17.2217, 41.4014

Deuteranopia

17.5101, 17.1856, 22.4729



Tritanopia

26.3296, 17.0497, 9.1109

Trichromacy



Original Color

29.4202, 16.9913, 24.2833

Protanomaly

19.7588, 15.2839, 34.2564

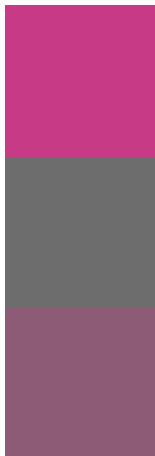
Deuteranomaly

20.3380, 15.8300, 23.1027

Tritanomaly

27.0977, 16.8738, 13.3840

Monochromacy



Original Color

29.4202, 16.9913, 24.2833

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

18.1664, 14.5410, 18.9888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4202, 16.9913, 24.2833 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(199, 59, 134)` looks like.

```
.text, #text, p{  
    color:rgb(199, 59, 134)  
}
```

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(199, 59, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 59, 134) }
```

Border

The CSS property to change the border of an element to XYZ 29.4202, 16.9913, 24.2833 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(199, 59, 134) }
```


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

```
.border{ border-color:rgb(199, 59, 134) }
```

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

Here you see how a box with a 4 pixel rgb(199, 59, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 59, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 59, 134);  
box-shadow:4px 4px 4px 4px rgb(199, 59,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4202, 16.9913, 24.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 59, 134) }
```

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

```
.background{ background-color: rgb(199, 59,  
134) }
```

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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