

Converting Colors

XYZ(29.3266, 17.9407, 29.3135)

Have a look what the booklet for
XYZ(29.3266, 17.9407, 29.3135)
contains.

XYZ(29.2439, 17.9165, 29.1110)	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(29.2439, 17.9165,
29.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	C04892
RGB	192, 72, 146
RGB Percent	75%, 28%, 57%
CMY	0.2471, 0.7176, 0.4274
CMYK	0.00, 0.62, 0.24, 0.25
HSL	323°, 49%, 52%
HSV	323°, 62%, 75%
XYZ	29.2439, 17.9165, 29.1110
YIQ	116.3160, 47.7660, 48.4540

Conversions

Conversions Part 2

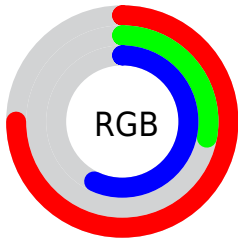
Format	Color
R_{YB}	192, 72, 146
Decimal	12601490
CIE _{Lab}	49.39, 55.67, -16.09
CIE _{LCh}	49, 57.954, 343.877
Yxy	17.9165, 0.3834, 0.2349
Android (android.graphics.Color)	4290791570 (0xFFC04892)
YUV	116.3160, 14.6342, 66.3749
Hunter-Lab	42.3279, 49.2500, -11.1472

Details

The XYZ color **29.2439, 17.9165, 29.1110** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **24.7931, 40.3856, 23.6300**, and the grayscale version is **16.6444, 17.5112, 19.0697**.

A 20% lighter version of the original color is **57.7984, 39.8581, 59.2907**, and **12.0681, 5.9988, 11.3483** is the 20% darker color. If you saturate the color by 10%, you get **27.6366, 15.5887, 25.8407**, and if you desaturate by 10%, it is **31.2767, 21.0359, 32.7053**.

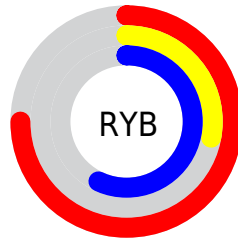
Distribution



Red (75%)

Green (28%)

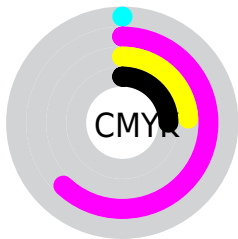
Blue (57%)



Red (75%)

Yellow (28%)

Blue (57%)

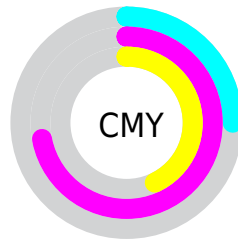


Cyan (0%)

Magenta (62%)

Yellow (24%)

Black (25%)



Cyan (25%)


Magenta (72%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2439, 17.9165, 29.1110 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 29.2439, 17.9165, 29.1110 by changing the saturation by 10% instead.


 29.2439, 17.9165,
29.1110


 29.2439, 17.9165,
29.1110


290.3375,
240.4000, 311.8156

 19.4106, 10.8901,
18.9185


 57.8593, 39.8950,
59.2977


 12.0731, 5.9930,
11.4352


 77.3720, 55.6158,
80.1290


 6.8660, 2.8408,
6.2425


 100.8420, 75.0036,
105.3436

 3.4240, 1.0492,
2.9219

 128.6346, 98.4427,
135.3601

 1.3818, 0.0000,
1.0549

 161.1150,
126.3174, 170.5970

 0.2432, 0.0000,
0.0000

198.6488,

 0.0000, 0.0000,

159.0123, 211.4728

0.0000

241.6011,
196.9117, 258.4062

■ 29.2439, 17.9165,
29.1110

■ 29.2439, 17.9165,
29.1110

■ 27.6366, 15.5887,
25.8407

■ 31.2767, 21.0359,
32.7053

■ 26.4149, 13.9745,
22.8773

■ 33.7667, 25.0097,
36.6371

■ 25.5339, 12.9848,
20.2025

■ 36.7442, 29.8975,
40.9198

■ 25.0320, 12.5240,
18.3614

■ 40.2365, 35.7528,
45.5657

■ 44.2689, 42.6249,
50.5861

■ 48.8646, 50.5597,
55.9920

■ 54.0458, 59.6004,
61.7936

■ 59.8332, 69.7877,
68.0007

■ 66.2468, 81.1602,
74.6227

Harmonies

Analogous

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



25.3961, 17.9165, 50.2183



29.2439, 17.9165, 29.1110



29.3970, 17.9165, 13.1462

Triad

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



29.2439, 17.9165, 29.1110



14.6321, 17.9165, 2.4531



10.5244, 17.9165, 48.6682

Complementary

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



29.2439, 17.9165, 29.1110



24.7931, 40.3856, 23.6300

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.



8.7319, 17.9165, 27.6486



29.2439, 17.9165, 29.1110



10.7371, 17.9165, 4.8660

Square

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



29.2439, 17.9165, 29.1110



20.1157, 17.9165, 2.5305



8.8004, 17.9165, 12.2899



14.2756, 17.9165, 65.0251

Rectangle

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



29.2439, 17.9165, 29.1110



27.3229, 17.9165, 7.0855



8.8004, 17.9165, 12.2899



9.7124, 17.9165, 41.5389

Sweetspot

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



29.2445, 17.9174, 29.1113



75.1301, 68.5525, 85.3914



19.3040, 12.2932, 51.2248



15.6858, 13.9740, 17.7701



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.2445, 17.9174, 29.1113



49.1780, 27.0190, 44.7691



25.7361, 16.5140, 10.6364



10.3283, 10.1799, 11.8196



16.8827, 8.4428, 12.5603



0.7622, 0.3779, 0.7154

Inverse Universe

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



29.2445, 17.9174, 29.1113



49.1780, 27.0190, 44.7691



29.5587, 42.2918, 48.7253



10.3283, 10.1799, 11.8196



16.8827, 8.4428, 12.5603



0.7622, 0.3779, 0.7154

Previews

White Background



This preview shows how the XYZ color 29.2439, 17.9165, 29.1110 looks on a white background.

Color Contrast Check

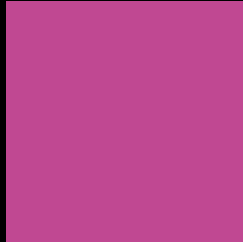
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2439, 17.9165, 29.1110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

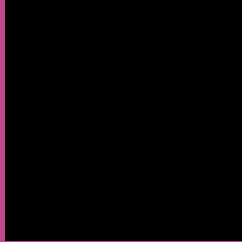
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2439, 17.9165, 29.1110

Background



This preview shows how black text looks on a background with the XYZ color 29.2439, 17.9165, 29.1110.



This preview shows how white text looks on a background with the XYZ color 29.2439, 17.9165,

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

29.2439, 17.9165, 29.1110

Protanopia

19.2059, 18.2323, 45.1547

Deuteranopia

18.3987, 18.0475, 26.9399



Tritanopia

25.6303, 17.8171, 11.9857

Trichromacy



Original Color

29.2439, 17.9165, 29.1110

Protanomaly

20.8923, 16.7297, 38.6872

Deuteranomaly

21.1984, 16.9877, 27.7529

Tritanomaly

26.7242, 17.7038, 17.0476

Monochromacy



Original Color

29.2439, 17.9165, 29.1110

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.8895, 16.5759, 22.2299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2439, 17.9165, 29.1110 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(192, 72, 146)` looks like.

```
.text, #text, p{  
    color:rgb(192, 72, 146)  
}
```

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(192, 72, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 72, 146) }
```

Border

The CSS property to change the border of an element to XYZ 29.2439, 17.9165, 29.1110 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(192, 72, 146) }
```


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

```
.border{ border-color:rgb(192, 72, 146) }
```

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

Here you see how a box with a 4 pixel rgb(192, 72, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 72, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 72, 146);  
box-shadow:4px 4px 4px 4px rgb(192, 72,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2439, 17.9165, 29.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 72, 146) }
```

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

```
.background{ background-color: rgb(192, 72,  
146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor