

Converting Colors

XYZ(28.8628, 16.9055, 30.1160)

Have a look what the booklet for
XYZ(28.8628, 16.9055, 30.1160)
contains.

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Color

**XYZ(28.9406, 16.9314,
30.1765)**

Conversions

Conversions Part 1

Format	Color
Hex	C03F95
RGB	192, 63, 149
RGB Percent	75%, 25%, 58%
CMY	0.2471, 0.7529, 0.4157
CMYK	0.00, 0.67, 0.22, 0.25
HSL	320°, 51%, 50%
HSV	320°, 67%, 75%
XYZ	28.9406, 16.9314, 30.1765
YIQ	111.3750, 49.2780, 54.0940

Conversions

Conversions Part 2

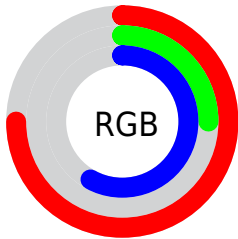
Format	Color
R _Y B	192, 63, 149
Decimal	12599189
CIE Lab	48.17, 59.77, -19.75
CIE LCh	48, 62.947, 341.712
Yxy	16.9314, 0.3806, 0.2226
Android (android.graphics.Color)	4290789269 (0xFFC03F95)
YUV	111.3750, 18.5491, 70.7081
Hunter-Lab	41.1478, 53.5364, -14.6780

Details

The XYZ color **28.9406, 16.9314, 30.1765** 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 **23.5020, 39.7973, 20.0806**, and the grayscale version is **15.1569, 15.9462, 17.3655**.

A 20% lighter version of the original color is **57.1600, 38.0147, 60.8248**, and **12.1963, 6.0327, 12.0769** is the 20% darker color. If you saturate the color by 10%, you get **27.5596, 14.9646, 27.2639**, and if you desaturate by 10%, it is **30.7214, 19.6524, 33.3612**.

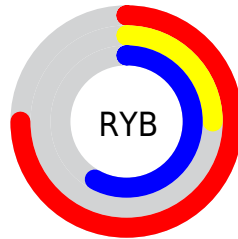
Distribution



Red (75%)

Green (25%)

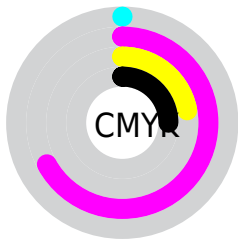
Blue (58%)



Red (75%)

Yellow (25%)

Blue (58%)

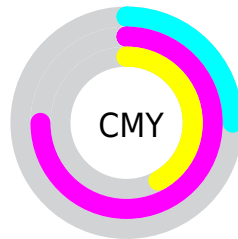


Cyan (0%)

Magenta (67%)

Yellow (22%)

Black (25%)



Cyan (25%)

Magenta (75%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9406, 16.9314, 30.1765 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 28.9406, 16.9314, 30.1765 by changing the saturation by 10% instead.

■ 28.9406, 16.9314,
30.1765

■ 28.9406, 16.9314,
30.1765

288.9339,
234.7767, 316.9592

■ 19.1799, 10.1856,
19.7194

■ 57.3809, 38.2078,
61.0055

■ 11.9052, 5.5222,
12.0092

■ 76.7913, 53.5072,
82.2145

■ 6.7509, 2.5568,
6.6273

■ 100.1489, 72.4265,
107.8445

■ 3.3517, 0.9050,
3.1553

■ 127.8192, 95.3502,
138.3141

■ 1.3424, 0.0000,
1.1744

■ 160.1675,
122.6627, 174.0418

■ 0.2146, 0.0000,
0.0000

197.5591,

■ 0.0000, 0.0000,

154.7484, 215.4462

0.0000

240.3595,
191.9916, 262.9458

■ 28.9406, 16.9314,
30.1765

■ 28.9406, 16.9314,
30.1765

■ 27.5596, 14.9646,
27.2639

■ 30.7214, 19.6524,
33.3612

■ 26.5358, 13.6684,
24.6067

■ 32.9356, 23.1947,
36.8309

■ 25.8129, 12.9302,
22.1838

■ 35.6148, 27.6206,
40.5985

■ 25.6345, 12.7650,
21.5338

■ 38.7871, 32.9859,
44.6753

■ 42.4785, 39.3416,
49.0721

■ 46.7129, 46.7350,
53.7987

■ 51.5127, 55.2105,
58.8647

■ 56.8993, 64.8097,
64.2789

■ 62.8925, 75.5722,
70.0499

Harmonies

Analogous

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



24.5657, 16.9314, 53.3112



28.9406, 16.9314, 30.1765



29.4257, 16.9314, 12.7577

Triad

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



28.9406, 16.9314, 30.1765



13.9641, 16.9314, 1.6020



9.2057, 16.9314, 48.2964

Complementary

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



28.9406, 16.9314, 30.1765



23.5020, 39.7973, 20.0806

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.



7.5541, 16.9314, 25.5882



28.9406, 16.9314, 30.1765



9.8336, 16.9314, 3.5103

Square

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



28.9406, 16.9314, 30.1765



19.7924, 16.9314, 1.7924



7.7529, 16.9314, 10.2197



12.8856, 16.9314, 67.3541

Rectangle

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



28.9406, 16.9314, 30.1765



27.3651, 16.9314, 6.3492



7.7529, 16.9314, 10.2197



8.4391, 16.9314, 40.4135

Sweetspot

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



28.9411, 16.9323, 30.1768



74.7664, 67.4739, 86.3531



17.2368, 10.4260, 50.9735



15.6308, 13.7705, 18.0398



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.



28.9411, 16.9323, 30.1768



48.9117, 25.7722, 46.8823



25.1364, 15.4104, 10.1414



10.3499, 10.1886, 11.9333



17.2865, 8.6043, 14.6864



0.7778, 0.3841, 0.7972

Inverse Universe

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



28.9411, 16.9323, 30.1768



48.9117, 25.7722, 46.8823



28.2034, 41.6779, 44.8377



10.3499, 10.1886, 11.9333



17.2865, 8.6043, 14.6864



0.7778, 0.3841, 0.7972

Previews

White Background



This preview shows how the XYZ color 28.9406, 16.9314, 30.1765 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 28.9406, 16.9314, 30.1765 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 28.9406, 16.9314, 30.1765

Background



This preview shows how black text looks on a background with the XYZ color 28.9406, 16.9314, 30.1765.



This preview shows how white text looks on a background with the XYZ color 28.9406, 16.9314,

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

28.9406, 16.9314, 30.1765

Protanopia

18.7125, 17.3765, 49.3815

Deuteranopia

17.5977, 17.2740, 27.9979



Tritanopia

24.7981, 16.8483, 10.7491

Trichromacy



Original Color

28.9406, 16.9314, 30.1765

Protanomaly

20.0925, 15.5615, 41.4798

Deuteranomaly

20.3584, 15.9795, 28.7994

Tritanomaly

25.9481, 16.6931, 16.3225

Monochromacy



Original Color

28.9406, 16.9314, 30.1765

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

18.5196, 15.0615, 21.3331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9406, 16.9314, 30.1765 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, 63, 149)` looks like.

```
.text, #text, p{  
    color:rgb(192, 63, 149)  
}
```

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, 63, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 63, 149) }
```

Border

The CSS property to change the border of an element to XYZ 28.9406, 16.9314, 30.1765 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, 63, 149) }
```


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

```
.border{ border-color:rgb(192, 63, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 63, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 63, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 63, 149);  
box-shadow:4px 4px 4px 4px rgb(192, 63,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9406, 16.9314, 30.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 63, 149) }
```

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

```
.background{ background-color: rgb(192, 63,  
149) }
```

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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