

Converting Colors

XYZ(29.0286, 14.9659, 30.3983)

Have a look what the booklet for
XYZ(29.0286, 14.9659, 30.3983)
contains.

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Color

**XYZ(28.9703, 14.9511,
30.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	C51D96
RGB	197, 29, 150
RGB Percent	77%, 11%, 59%
CMY	0.2275, 0.8862, 0.4118
CMYK	0.00, 0.85, 0.24, 0.23
HSL	317°, 74%, 44%
HSV	317°, 85%, 77%
XYZ	28.9703, 14.9511, 30.2131
YIQ	93.0260, 61.2870, 73.2470

Conversions

Conversions Part 2

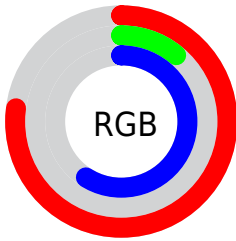
Format	Color
R_{YB}	197, 29, 150
Decimal	12918166
CIE _{Lab}	45.57, 71.12, -24.30
CIE _{LCh}	46, 75.153, 341.136
Yxy	14.9511, 0.3908, 0.2017
Android (android.graphics.Color)	4291108246 (0xFFC51D96)
YUV	93.0260, 28.0882, 91.1852
Hunter-Lab	38.6667, 66.0713, -19.2610

Details

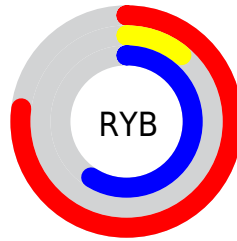
The XYZ color **28.9703, 14.9511, 30.2131** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **21.7785, 40.7160, 13.5516**, and the grayscale version is **10.3391, 10.8775, 11.8456**.

A 20% lighter version of the original color is **56.5068, 34.3550, 60.7797**, and **12.7334, 6.3041, 12.3501** is the 20% darker color. If you saturate the color by 10%, you get **28.1986, 14.1012, 27.8173**, and if you desaturate by 10%, it is **30.0720, 16.4271, 32.8221**.

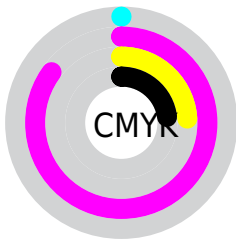
Distribution



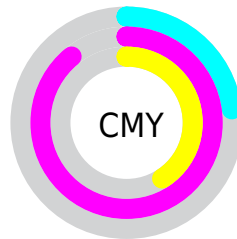
- Red (77%)
- Green (11%)
- Blue (59%)



- Red (77%)
- Yellow (11%)
- Blue (59%)



- Cyan (0%)
- Magenta (85%)
- Yellow (24%)
- Black (23%)





- Cyan (23%)
- Magenta (89%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9703, 14.9511, 30.2131 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 28.9703, 14.9511, 30.2131 by changing the saturation by 10% instead.


 28.9703, 14.9511,
30.2131


 28.9703, 14.9511,
30.2131


289.0715,
223.0701, 317.1347


 19.2025, 8.7851,
19.7470


 57.4278, 34.7674,
61.0640


 11.9216, 4.6013,
12.0290


 76.8482, 49.1864,
82.2859


 6.7621, 2.0153,
6.6407


 100.2169, 67.1252,
107.9300

 3.3588, 0.6163,
3.1634

 127.8992, 88.9682,
138.4151

 1.3462, 0.0000,
1.1787

 160.2604,
115.0998, 174.1595

 0.2174, 0.0000,
0.0000

 197.6660,

 0.0000, 0.0000,

145.9044, 215.5819

0.0000

240.4812,
181.7663, 263.1008

■ 28.9703, 14.9511,
30.2131

■ 28.9703, 14.9511,
30.2131

■ 28.1986, 14.1012,
27.8173

■ 30.0720, 16.4271,
32.8221

■ 27.8996, 13.8198,
26.7417

■ 31.5535, 18.6292,
35.6620

■ 33.4575, 21.6418,
38.7485

■ 35.8202, 25.5372,
42.0949

■ 38.6740, 30.3796,
45.7134

■ 42.0481, 36.2271,
49.6150

■ 45.9695, 43.1333,
53.8099

■ 50.4634, 51.1479,
58.3077

■ 55.5530, 60.3174,
63.1174

Harmonies

Analogous

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



23.7243, 14.9511, 58.6745



28.9703, 14.9511, 30.2131



29.6527, 14.9511, 10.4728

Triad

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



28.9703, 14.9511, 30.2131



12.0041, 14.9511, 0.3374



6.9192, 14.9511, 51.2637

Complementary

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



28.9703, 14.9511, 30.2131



21.7785, 40.7160, 13.5516

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.



5.3514, 14.9511, 23.9118



28.9703, 14.9511, 30.2131



7.6561, 14.9511, 1.6556

Square

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



28.9703, 14.9511, 30.2131



18.4825, 14.9511, 0.5207



5.5741, 14.9511, 7.4636



10.6535, 14.9511, 75.8144

Rectangle

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



28.9703, 14.9511, 30.2131



27.2518, 14.9511, 4.1471



5.5741, 14.9511, 7.4636



6.1792, 14.9511, 41.5011

Sweetspot

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



28.9708, 14.9519, 30.2134



74.5789, 63.6086, 88.0471



13.3274, 6.3592, 53.3484



15.4929, 12.7971, 18.3115



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.



28.9708, 14.9519, 30.2134



49.8555, 24.7062, 47.2986



24.5156, 13.1698, 6.7529



10.9516, 10.7640, 12.7286



18.3879, 9.1047, 17.7844



0.9004, 0.4430, 0.9985

Inverse Universe

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



28.9708, 14.9519, 30.2134



49.8555, 24.7062, 47.2986



26.6281, 42.6559, 39.0893



10.9516, 10.7640, 12.7286



18.3879, 9.1047, 17.7844



0.9004, 0.4430, 0.9985

Previews

White Background



This preview shows how the XYZ color 28.9703, 14.9511, 30.2131 looks on a white background.

Color Contrast Check

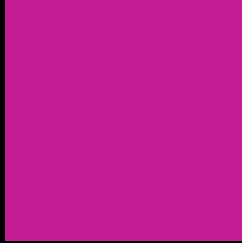
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9703, 14.9511, 30.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

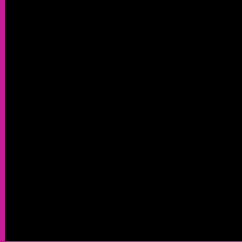
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.9703, 14.9511, 30.2131

Background



This preview shows how black text looks on a background with the XYZ color 28.9703, 14.9511, 30.2131.



This preview shows how white text looks on a background with the XYZ color 28.9703, 14.9511,

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

28.9703, 14.9511, 30.2131

Protanopia

17.8847, 15.5699, 61.0942

Deuteranopia

15.6589, 15.3220, 27.3314



Tritanopia

24.0817, 15.0192, 6.9399

Trichromacy



Original Color

28.9703, 14.9511, 30.2131



Protanomaly

17.4130, 11.9972, 47.8523



Deuteranomaly

18.1466, 12.9239, 27.9237



Tritanomaly

25.3338, 14.5682, 12.7860

Monochromacy



Original Color

28.9703, 14.9511, 30.2131



Achromatopsia

10.4043, 10.9462, 11.9204



Achromatomaly

14.5875, 10.4205, 17.1621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9703, 14.9511, 30.2131 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(197, 29, 150)` looks like.

```
.text, #text, p{  
    color:rgb(197, 29, 150)  
}
```

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(197, 29, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 29, 150) }
```

Border

The CSS property to change the border of an element to XYZ 28.9703, 14.9511, 30.2131 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(197, 29, 150) }
```


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

```
.border{ border-color:rgb(197, 29, 150) }
```

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

Here you see how a box with a 4 pixel rgb(197, 29, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 29, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 29, 150);  
box-shadow:4px 4px 4px 4px rgb(197, 29,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9703, 14.9511, 30.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 29, 150) }
```

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

```
.background{ background-color: rgb(197, 29,  
150) }
```

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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