

Converting Colors

XYZ(29.8016, 14.1568, 32.8058)

Have a look what the booklet for
XYZ(29.8016, 14.1568, 32.8058)
contains.

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Color

**XYZ(30.0881, 14.8178,
32.7268)**

Conversions

Conversions Part 1

Format	Color
Hex	C9009C
RGB	201, 0, 156
RGB Percent	79%, 0%, 61%
CMY	0.2118, 0.9999, 0.3882
CMYK	0.00, 1.00, 0.22, 0.21
HSL	313°, 100%, 39%
HSV	313°, 100%, 79%
XYZ	30.0881, 14.8178, 32.7268
YIQ	77.8830, 69.7200, 91.1280

Conversions

Conversions Part 2

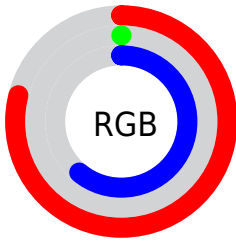
Format	Color
R_{YB}	201, 0, 156
Decimal	13172892
CIE _{Lab}	45.38, 76.18, -28.14
CIE _{LCh}	45, 81.211, 339.728
Yxy	14.8178, 0.3876, 0.1909
Android (android.graphics.Color)	4291362972 (0xFFC9009C)
YUV	77.8830, 38.5117, 107.9736
Hunter-Lab	38.4939, 72.1572, -23.4615

Details

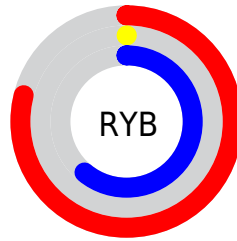
The XYZ color **30.0881, 14.8178, 32.7268** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **21.3614, 41.9633, 9.4599**, and the grayscale version is **7.1436, 7.5157, 8.1846**.

A 20% lighter version of the original color is **56.6540, 33.2755, 65.0648**, and **13.6540, 6.7503, 13.6800** is the 20% darker color. If you saturate the color by 10%, you get **30.0876, 14.8176, 32.7235**, and if you desaturate by 10%, it is **30.7291, 15.4782, 34.8560**.

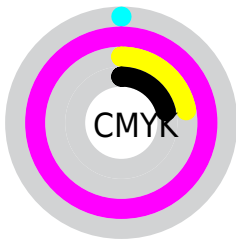
Distribution



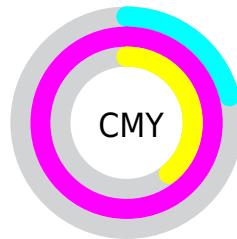
- Red (79%)
- Green (0%)
- Blue (61%)



- Red (79%)
- Yellow (0%)
- Blue (61%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0881, 14.8178, 32.7268 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 30.0881, 14.8178, 32.7268 by changing the saturation by 10% instead.

 30.0881, 14.8178,
32.7268


 30.0881, 14.8178,
32.7268


294.2174,
222.2607, 329.0111

 20.0539, 8.6916,
21.6478


 59.1871, 34.5332,
65.0598

 12.5427, 4.5406,
13.4025


 78.9827, 48.8913,
87.1510


 7.1892, 1.9803,
7.5723


 102.7627, 66.7620,
113.7500

 3.6281, 0.5960,
3.7387

 130.8925, 88.5299,
145.2753

 1.4940, 0.0000,
1.4831

 163.7376,
114.5794, 182.1456

 0.3217, 0.0000,
0.2053

 201.6631,

 0.0000, 0.0000,

145.2947, 224.7792

0.0000

245.0346,
181.0604, 273.5949

■ 30.0881, 14.8178,
32.7268

■ 30.0881, 14.8178,
32.7268

■ 30.0876, 14.8176,
32.7235

■ 30.7291, 15.4782,
34.8560

■ 31.6459, 16.6676,
37.1474

■ 32.9296, 18.5679,
39.6323

■ 34.6283, 21.2748,
42.3274

■ 36.7826, 24.8693,
45.2469

■ 39.4282, 29.4226,
48.4034

■ 42.5971, 34.9985,
51.8083

■ 46.3185, 41.6554,
55.4719

■ 50.6196, 49.4472,
59.4040

Harmonies

Analogous

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



24.1052, 14.8178, 64.8723



30.0881, 14.8178, 32.7268



31.1228, 14.8178, 10.6367

Triad

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



30.0881, 14.8178, 32.7268



12.0042, 14.8178, 0.0000



6.2791, 14.8178, 53.4187

Complementary

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



30.0881, 14.8178, 32.7268



21.3614, 41.9633, 9.4599

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.



4.7787, 14.8178, 23.2590



30.0881, 14.8178, 32.7268



7.3148, 14.8178, 1.1107

Square

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



30.0881, 14.8178, 32.7268



19.0719, 14.8178, 0.1445



5.0851, 14.8178, 6.3837



10.0515, 14.8178, 82.0708

Rectangle

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



30.0881, 14.8178, 32.7268



28.6140, 14.8178, 3.8356



5.0851, 14.8178, 6.3837



5.5571, 14.8178, 42.4491

Sweetspot

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



30.0886, 14.8186, 32.7271



72.6736, 59.4656, 88.4367



11.5636, 4.7439, 55.5647



15.0382, 11.8145, 18.3860



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.



30.0886, 14.8186, 32.7271



51.4216, 25.3326, 55.5457



24.8257, 12.7134, 5.0130



10.9775, 10.7744, 12.8650



18.9537, 9.3310, 20.7636



0.9232, 0.4521, 1.1189

Inverse Universe

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



30.0886, 14.8186, 32.7271



51.4216, 25.3326, 55.5457



25.9257, 43.7891, 33.4952



10.9775, 10.7744, 12.8650



18.9537, 9.3310, 20.7636



0.9232, 0.4521, 1.1189

Previews

White Background



This preview shows how the XYZ color 30.0881, 14.8178, 32.7268 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 30.0881, 14.8178, 32.7268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

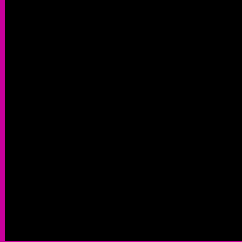
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.0881, 14.8178, 32.7268

Background



This preview shows how black text looks on a background with the XYZ color 30.0881, 14.8178, 32.7268.



This preview shows how white text looks on a background with the XYZ color 30.0881, 14.8178,

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

30.0881, 14.8178, 32.7268

Protanopia

18.6572, 15.7615, 70.4656

Deuteranopia

15.8064, 15.5098, 29.3547



Tritanopia

24.8710, 15.1885, 6.6218

Trichromacy



Original Color

30.0881, 14.8178, 32.7268



Protanomaly

16.3016, 10.2192, 53.9366



Deuteranomaly

17.9497, 11.7766, 30.1812



Tritanomaly

25.9561, 14.2032, 12.9287

Monochromacy



Original Color

30.0881, 14.8178, 32.7268



Achromatopsia

7.2414, 7.6185, 8.2966



Achromatomaly

11.9105, 7.5328, 14.4619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0881, 14.8178, 32.7268 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(201, 0, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 156)  
}
```

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(201, 0, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.0881, 14.8178, 32.7268 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(201, 0, 156) }
```


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

```
.border{ border-color:rgb(201, 0, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 0, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0881, 14.8178, 32.7268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 156) }
```

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

```
.background{ background-color: rgb(201, 0,  
156) }
```

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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