

Converting Colors

XYZ(30.5271, 14.9295, 37.9606)

Have a look what the booklet for
XYZ(30.5271, 14.9295, 37.9606)
contains.

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Color

**XYZ(30.5282, 14.9321,
37.8324)**

Conversions

Conversions Part 1

Format	Color
Hex	C700A7
RGB	199, 0, 167
RGB Percent	78%, 0%, 65%
CMY	0.2196, 0.9999, 0.3451
CMYK	0.00, 1.00, 0.16, 0.22
HSL	310°, 100%, 39%
HSV	310°, 100%, 78%
XYZ	30.5282, 14.9321, 37.8324
YIQ	78.5390, 64.9970, 94.1250

Conversions

Conversions Part 2

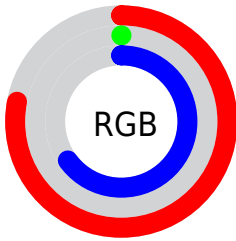
Format	Color
R_{YB}	199, 0, 167
Decimal	13041831
CIE Lab	45.54, 77.16, -34.50
CIE LCh	46, 84.517, 335.909
Yxy	14.9321, 0.3665, 0.1793
Android (android.graphics.Color)	4291231911 (0xFFC700A7)
YUV	78.5390, 43.6113, 105.6443
Hunter-Lab	38.6421, 73.3958, -30.9982

Details

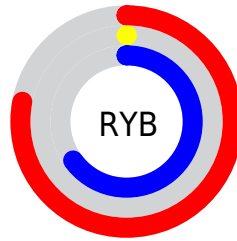
The XYZ color **30.5282, 14.9321, 37.8324** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **20.6850, 40.9517, 8.1829**, and the grayscale version is **7.2580, 7.6360, 8.3156**.

A 20% lighter version of the original color is **58.2154, 33.9000, 73.2871**, and **13.8525, 6.7904, 16.5002** is the 20% darker color. If you saturate the color by 10%, you get **30.5280, 14.9320, 37.8302**, and if you desaturate by 10%, it is **31.0770, 15.5499, 39.4934**.

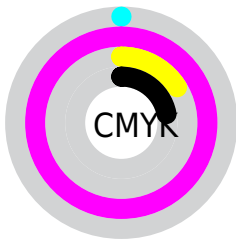
Distribution



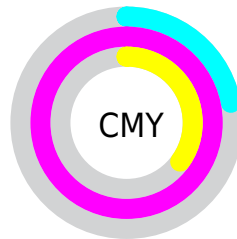
- Red (78%)
- Green (0%)
- Blue (65%)



- Red (78%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (22%)





- Cyan (22%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5282, 14.9321, 37.8324 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 30.5282, 14.9321, 37.8324 by changing the saturation by 10% instead.

 30.5282, 14.9321,
37.8324


 30.5282, 14.9321,
37.8324


296.2247,
222.9549, 352.1771


 20.3899, 8.7717,
25.5518


 59.8774, 34.7340,
73.0517


 12.7887, 4.5926,
16.2659


 79.8190, 49.1444,
96.8276


 7.3592, 2.0103,
9.5561


 103.7592, 67.0735,
125.2723

 3.7361, 0.6134,
5.0039

 132.0631, 88.9058,
158.8043

 1.5539, 0.0000,
2.1908

 165.0963,
115.0257, 197.8423

 0.3621, 0.0000,
0.6690

 203.2241,

 0.0000, 0.0000,

145.8176, 242.8047

0.0000

246.8117,
181.6659, 294.1101

■ 30.5282, 14.9321,
37.8324

■ 30.5282, 14.9321,
37.8324

■ 30.5280, 14.9320,
37.8302

■ 31.0770, 15.5499,
39.4934

■ 31.8881, 16.6810,
41.2782

■ 33.0512, 18.5042,
43.2169

■ 34.6131, 21.1127,
45.3254

■ 36.6131, 24.5857,
47.6171

■ 39.0860, 28.9923,
50.1038

■ 42.0630, 34.3949,
52.7962

■ 45.5726, 40.8503,
55.7039

■ 49.6412, 48.4113,
58.8361

Harmonies

Analogous

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



23.7283, 14.9321, 72.3942



30.5282, 14.9321, 37.8324



32.4146, 14.9321, 12.5778

Triad

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



30.5282, 14.9321, 37.8324



12.8412, 14.9321, 0.0000



5.7964, 14.9321, 51.3480

Complementary

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



30.5282, 14.9321, 37.8324



20.6850, 40.9517, 8.1829

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.



4.5234, 14.9321, 20.5952



30.5282, 14.9321, 37.8324



7.6303, 14.9321, 0.7036

Square

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



30.5282, 14.9321, 37.8324



20.4813, 14.9321, 0.0953



5.0611, 14.9321, 4.9972



9.3440, 14.9321, 83.7683

Rectangle

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



30.5282, 14.9321, 37.8324



30.2261, 14.9321, 4.5054



5.0611, 14.9321, 4.9972



5.1532, 14.9321, 39.8284

Sweetspot

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



30.5287, 14.9329, 37.8327



73.3919, 59.7529, 92.2193



10.8410, 4.3983, 54.3107



15.2116, 11.8839, 19.2989



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.



30.5287, 14.9329, 37.8327



53.3762, 26.1145, 65.8381



24.6487, 12.5809, 6.8690



11.0070, 10.7862, 13.0201



19.6572, 9.6124, 24.4685



0.9509, 0.4632, 1.2648

Inverse Universe

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



30.5287, 14.9329, 37.8327



53.3762, 26.1145, 65.8381



24.4104, 42.4419, 27.8004



11.0070, 10.7862, 13.0201



19.6572, 9.6124, 24.4685



0.9509, 0.4632, 1.2648

Previews

White Background



This preview shows how the XYZ color 30.5282, 14.9321, 37.8324 looks on a white background.

Color Contrast Check

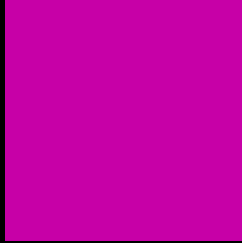
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5282, 14.9321, 37.8324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

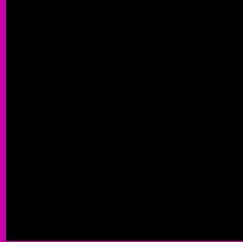
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.5282, 14.9321, 37.8324

Background



This preview shows how black text looks on a background with the XYZ color 30.5282, 14.9321, 37.8324.



This preview shows how white text looks on a background with the XYZ color 30.5282, 14.9321,

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

30.5282, 14.9321, 37.8324

Protanopia

18.7446, 15.7443, 73.2852

Deuteranopia

15.9681, 15.6469, 34.0768



Tritanopia

24.5082, 15.4025, 7.3115

Trichromacy



Original Color

30.5282, 14.9321, 37.8324



Protanomaly

15.5787, 9.7517, 58.1879



Deuteranomaly

17.9212, 11.6547, 35.0233



Tritanomaly

25.6259, 14.1452, 14.7443

Monochromacy



Original Color

30.5282, 14.9321, 37.8324



Achromatopsia

7.4317, 7.8187, 8.5146



Achromatomaly

12.1782, 7.6399, 15.8717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5282, 14.9321, 37.8324 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, 0, 167)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 167)  
}
```

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, 0, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 167) }
```

Border

The CSS property to change the border of an element to XYZ 30.5282, 14.9321, 37.8324 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, 0, 167) }
```


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

```
.border{ border-color:rgb(199, 0, 167) }
```

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

Here you see how a box with a 4 pixel rgb(199, 0, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 167);  
box-shadow:4px 4px 4px 4px rgb(199, 0,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5282, 14.9321, 37.8324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 167) }
```

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

```
.background{ background-color: rgb(199, 0,  
167) }
```

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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