

Converting Colors

XYZ(30.4614, 14.4720, 57.0619)

Have a look what the booklet for
XYZ(30.4614, 14.4720, 57.0619)
contains.

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Color

**XYZ(30.4278, 14.4546,
57.0634)**

Conversions

Conversions Part 1

Format	Color
Hex	B800CA
RGB	184, 0, 202
RGB Percent	72%, 0%, 79%
CMY	0.2784, 0.9999, 0.2078
CMYK	0.09, 1.00, 0.00, 0.21
HSL	295°, 100%, 40%
HSV	295°, 100%, 79%
XYZ	30.4278, 14.4546, 57.0634
YIQ	78.0440, 44.8220, 101.8300

Conversions

Conversions Part 2

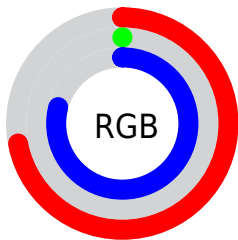
Format	Color
RYB	184, 0, 202
Decimal	12058826
CIELab	44.88, 79.64, -56.29
CIELCh	45, 97.521, 324.748
Yxy	14.4546, 0.2985, 0.1418
Android (android.graphics.Color)	4290248906 (0xFFB800CA)
YUV	78.0440, 61.1103, 92.9234
Hunter-Lab	38.0192, 76.3248, -62.3755

Details

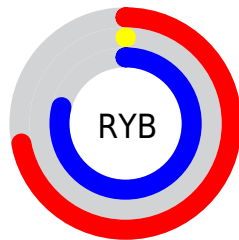
The XYZ color **30.4278, 14.4546, 57.0634** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **21.3705, 42.3700, 7.0524**, and the grayscale version is **7.1346, 7.5061, 8.1741**.

A 20% lighter version of the original color is **58.9306, 33.5979, 97.9868**, and **13.8706, 6.5422, 28.1355** is the 20% darker color. If you saturate the color by 10%, you get **30.4278, 14.4546, 57.0636**, and if you desaturate by 10%, it is **31.1163, 15.1866, 57.1686**.

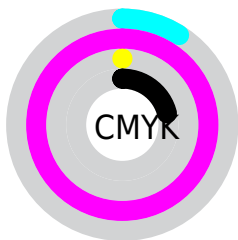
Distribution



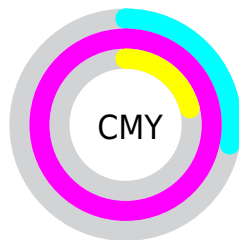
- Red (72%)
- Green (0%)
- Blue (79%)



- Red (72%)
- Yellow (0%)
- Blue (79%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (21%)





- Cyan (28%)
- Magenta (100%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4278, 14.4546, 57.0634 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 30.4278, 14.4546, 57.0634 by changing the saturation by 10% instead.

 30.4278, 14.4546,
57.0634

 30.4278, 14.4546,
57.0634


295.7676,
220.0409, 431.1872


 20.3132, 8.4375,
40.6464


 59.7201, 33.8935,
102.0589

 12.7325, 4.3762,
27.7253


 79.6284, 48.0841,
131.4746

 7.3203, 1.8861,
17.8815


 103.5321, 65.7680,
166.0603

 3.7113, 0.5400,
10.6964

 131.7965, 87.3296,
206.2344

 1.5402, 0.0000,
5.7515

 164.7869,
113.1533, 252.4157

 0.3529, 0.0000,
2.6282

 202.8686,

 0.0000, 0.0000,

143.6235, 305.0225

0.9070

246.4071,
179.1245, 364.4735

■ 0.0000, 0.0000,
0.0000

■ 30.4278, 14.4546,
57.0634

■ 30.4278, 14.4546,
57.0634

■ 30.4278, 14.4546,
57.0636

■ 31.1163, 15.1866,
57.1686

■ 32.0747, 16.4511,
57.3622

■ 33.3952, 18.4315,
57.6748

■ 35.1263, 21.2248,
58.1228

■ 37.3090, 24.9130,
58.7196

■ 39.9792, 29.5681,
59.4774

■ 43.1693, 35.2545,
60.4069

■ 46.9089, 42.0314,
61.5178

■ 51.2251, 49.9534,
62.8194

Harmonies

Analogous

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



21.2005, 14.4546, 98.6489



30.4278, 14.4546, 57.0634



35.3335, 14.4546, 20.1053

Triad

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



30.4278, 14.4546, 57.0634



15.1890, 14.4546, 0.0000



3.9947, 14.4546, 42.1725

Complementary

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



30.4278, 14.4546, 57.0634



21.3705, 42.3700, 7.0524

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.



3.4339, 14.4546, 12.0549



30.4278, 14.4546, 57.0634



8.2721, 14.4546, 0.0000

Square

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



30.4278, 14.4546, 57.0634



24.6116, 14.4546, 0.0000



4.6422, 14.4546, 1.5696



6.6585, 14.4546, 85.6181

Rectangle

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



30.4278, 14.4546, 57.0634



34.5133, 14.4546, 7.0041



4.6422, 14.4546, 1.5696



3.6116, 14.4546, 29.7559

Sweetspot

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



30.4284, 14.4552, 57.0637



72.8464, 59.2501, 102.2047



10.9149, 4.7724, 56.2232



15.0778, 11.7611, 21.7254



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.



30.4284, 14.4552, 57.0637



51.4186, 24.4221, 96.6116



27.8214, 13.9426, 19.3809



11.5851, 11.3510, 14.1507



19.6188, 9.3214, 36.7215



1.0417, 0.4961, 1.8958

Inverse Universe

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



24.4667, 12.6007, 1.7157



41.3919, 21.3208, 2.7299



22.5990, 42.8326, 14.8240



11.2522, 11.2296, 11.8629



15.7581, 8.1138, 1.1790



0.8273, 0.4243, 0.1362

Previews

White Background



This preview shows how the XYZ color 30.4278, 14.4546, 57.0634 looks on a white background.

Color Contrast Check

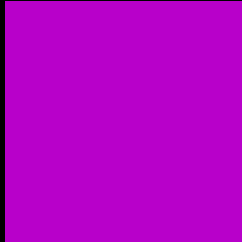
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4278, 14.4546, 57.0634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

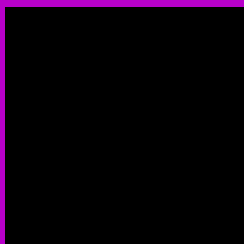
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.4278, 14.4546, 57.0634

Background



This preview shows how black text looks on a background with the XYZ color 30.4278, 14.4546, 57.0634.



This preview shows how white text looks on a background with the XYZ color 30.4278, 14.4546,

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

30.4278, 14.4546, 57.0634

Protanopia

18.0015, 15.1211, 70.3765

Deuteranopia

15.6695, 15.2816, 50.8390



Tritanopia

21.0132, 14.7939, 10.3423

Trichromacy



Original Color

30.4278, 14.4546, 57.0634



Protanomaly

16.4006, 9.9448, 64.6735



Deuteranomaly

16.2421, 10.4995, 52.2095



Tritanomaly

22.7161, 12.9537, 21.7251

Monochromacy



Original Color

30.4278, 14.4546, 57.0634



Achromatopsia

7.2414, 7.6185, 8.2966



Achromatomaly

12.0519, 7.4932, 19.5500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4278, 14.4546, 57.0634 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(184, 0, 202)` looks like.

```
.text, #text, p{  
    color:rgb(184, 0, 202)  
}
```

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(184, 0, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 0, 202) }
```

Border

The CSS property to change the border of an element to XYZ 30.4278, 14.4546, 57.0634 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(184, 0, 202) }
```


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

```
.border{ border-color:rgb(184, 0, 202) }
```

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

Here you see how a box with a 4 pixel rgb(184, 0, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 0, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 0, 202);  
box-shadow:4px 4px 4px 4px rgb(184, 0,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4278, 14.4546, 57.0634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 0, 202) }
```

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

```
.background{ background-color: rgb(184, 0,  
202) }
```

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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