

Converting Colors

XYZ(30.2540, 14.8224, 36.3884)

Have a look what the booklet for
XYZ(30.2540, 14.8224, 36.3884)
contains.

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Color

**XYZ(30.2540, 14.8224,
36.3884)**

Conversions

Conversions Part 1

Format	Color
Hex	C700A4
RGB	199, 0, 164
RGB Percent	78%, 0%, 64%
CMY	0.2196, 0.9999, 0.3569
CMYK	0.00, 1.00, 0.18, 0.22
HSL	311°, 100%, 39%
HSV	311°, 100%, 78%
XYZ	30.2540, 14.8224, 36.3884
YIQ	78.1970, 65.9600, 93.1920

Conversions

Conversions Part 2

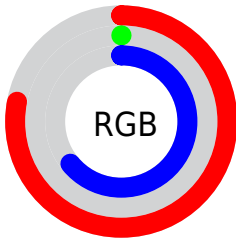
Format	Color
RYB	199, 0, 164
Decimal	13041828
CIELab	45.39, 76.78, -32.95
CIElCh	45, 83.549, 336.775
Yxy	14.8224, 0.3714, 0.1819
Android (android.graphics.Color)	4291231908 (0xFFC700A4)
YUV	78.1970, 42.3009, 105.9442
Hunter-Lab	38.4999, 72.8942, -29.0884

Details

The XYZ color **30.2540, 14.8224, 36.3884** 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 **20.7277, 40.9688, 8.4077**, and the grayscale version is **7.1957, 7.5704, 8.2442**.

A 20% lighter version of the original color is **57.6823, 33.6868, 70.4798**, and **13.7398, 6.7453, 15.9070** is the 20% darker color. If you saturate the color by 10%, you get **30.2538, 14.8224, 36.3861**, and if you desaturate by 10%, it is **30.8237, 15.4486, 38.1597**.

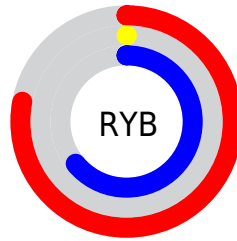
Distribution



Red (78%)

Green (0%)

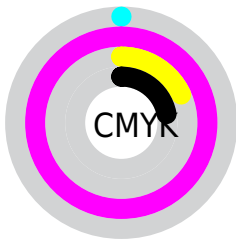
Blue (64%)



Red (78%)

Yellow (0%)

Blue (64%)

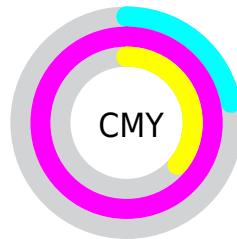


Cyan (0%)

Magenta (100%)

Yellow (18%)

Black (22%)



Cyan (22%)


Magenta (100%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2540, 14.8224, 36.3884 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 30.2540, 14.8224, 36.3884 by changing the saturation by 10% instead.

 30.2540, 14.8224,
36.3884


 30.2540, 14.8224,
36.3884


294.9752,
222.2887, 345.7436


 20.1805, 8.6948,
24.4422


 59.4475, 34.5413,
70.8069

 12.6353, 4.5427,
15.4468


 79.2982, 48.9015,
94.1164


 7.2532, 1.9815,
8.9834


 103.1387, 66.7746,
122.0506

 3.6687, 0.5967,
4.6337

 131.3343, 88.5451,
155.0283

 1.5165, 0.0000,
1.9791

 164.2504,
114.5973, 193.4679

 0.3370, 0.0000,
0.5424

 202.2524,

 0.0000, 0.0000,

145.3158, 237.7879

0.0000

245.7055,
181.0848, 288.4070

■ 30.2540, 14.8224,
36.3884

■ 30.2540, 14.8224,
36.3884

■ 30.2538, 14.8224,
36.3861

■ 30.8237, 15.4486,
38.1597

■ 31.6572, 16.5886,
40.0622

■ 32.8441, 18.4212,
42.1260

■ 34.4310, 21.0398,
44.3671

■ 36.4577, 24.5234,
46.7991

■ 38.9587, 28.9412,
49.4337

■ 41.9653, 34.3556,
52.2818

■ 45.5059, 40.8234,
55.3531

■ 49.6069, 48.3973,
58.6568

Harmonies

Analogous

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



23.6827, 14.8224, 70.1865



30.2540, 14.8224, 36.3884



31.9289, 14.8224, 12.0373

Triad

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



30.2540, 14.8224, 36.3884



12.5719, 14.8224, 0.0000



5.8746, 14.8224, 51.5350

Complementary

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



30.2540, 14.8224, 36.3884



20.7277, 40.9688, 8.4077

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.



4.5573, 14.8224, 21.0805



30.2540, 14.8224, 36.3884



7.5141, 14.8224, 0.7926

Square

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



30.2540, 14.8224, 36.3884



20.0331, 14.8224, 0.1035



5.0390, 14.8224, 5.2724



9.4539, 14.8224, 82.8970

Rectangle

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



30.2540, 14.8224, 36.3884



29.6762, 14.8224, 4.3187



5.0390, 14.8224, 5.2724



5.2171, 14.8224, 40.2038

Sweetspot

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



30.2545, 14.8232, 36.3887



73.2185, 59.6835, 91.3062



10.9425, 4.4507, 54.3155



15.1697, 11.8671, 19.0782



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.



30.2545, 14.8232, 36.3887



52.8908, 25.9203, 63.2823



24.5475, 12.5403, 6.3357



10.9999, 10.7834, 12.9829



19.4827, 9.5427, 23.5497



0.9441, 0.4605, 1.2289

Inverse Universe

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



30.2545, 14.8232, 36.3887



52.8908, 25.9203, 63.2823



24.6352, 42.5318, 28.9844



10.9999, 10.7834, 12.9829



19.4827, 9.5427, 23.5497



0.9441, 0.4605, 1.2289

Previews

White Background



This preview shows how the XYZ color 30.2540, 14.8224, 36.3884 looks on a white background.

Color Contrast Check

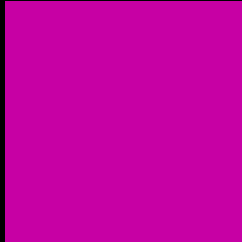
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2540, 14.8224, 36.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

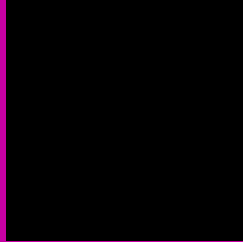
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.2540, 14.8224, 36.3884

Background



This preview shows how black text looks on a background with the XYZ color 30.2540, 14.8224, 36.3884.



This preview shows how white text looks on a background with the XYZ color 30.2540, 14.8224,

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

30.2540, 14.8224, 36.3884

Protanopia

18.7446, 15.7443, 73.2852

Deuteranopia

15.8114, 15.4379, 32.7183



Tritanopia

24.4195, 15.2743, 7.1300

Trichromacy



Original Color

30.2540, 14.8224, 36.3884



Protanomaly

15.4591, 9.7038, 57.5582



Deuteranomaly

17.8154, 11.6304, 33.6537



Tritanomaly

25.4893, 14.0345, 14.1975

Monochromacy



Original Color

30.2540, 14.8224, 36.3884



Achromatopsia

7.2414, 7.6185, 8.2966



Achromatomaly

11.9270, 7.5229, 15.2914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2540, 14.8224, 36.3884 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.2540, 14.8224, 36.3884 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, 164) }
```


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

```
.border{ border-color:rgb(199, 0, 164) }
```

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, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 164);  
box-shadow:4px 4px 4px 4px rgb(199, 0,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2540, 14.8224, 36.3884 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, 164) }
```

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

```
.background{ background-color: rgb(199, 0,  
164) }
```

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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