

Converting Colors

XYZ(30.2558, 14.9790, 29.3590)

Have a look what the booklet for
XYZ(30.2558, 14.9790, 29.3590)
contains.

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Color

**XYZ(30.2471, 14.9755,
29.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0094
RGB	204, 0, 148
RGB Percent	80%, 0%, 58%
CMY	0.2000, 0.9999, 0.4196
CMYK	0.00, 1.00, 0.27, 0.20
HSL	316°, 100%, 40%
HSV	316°, 100%, 80%
XYZ	30.2471, 14.9755, 29.3133
YIQ	77.8680, 74.0760, 89.2760

Conversions

Conversions Part 2

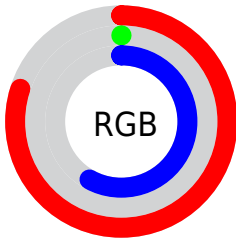
Format	Color
RYB	204, 0, 148
Decimal	13369492
CIELab	45.60, 75.84, -22.93
CIELCh	46, 79.236, 343.176
Yxy	14.9755, 0.4058, 0.2009
Android (android.graphics.Color)	4291559572 (0xFFCC0094)
YUV	77.8680, 34.5751, 110.6178
Hunter-Lab	38.6982, 71.7965, -17.8226

Details

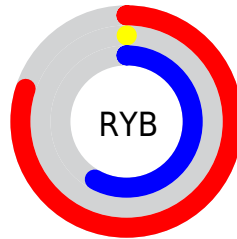
The XYZ color **30.2471, 14.9755, 29.3133** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **22.3081, 43.4719, 10.9613**, and the grayscale version is **7.1477, 7.5200, 8.1892**.

A 20% lighter version of the original color is **55.5568, 32.8366, 59.2870**, and **13.6593, 6.7924, 11.9004** is the 20% darker color. If you saturate the color by 10%, you get **30.2464, 14.9752, 29.3092**, and if you desaturate by 10%, it is **30.9594, 15.6731, 31.7915**.

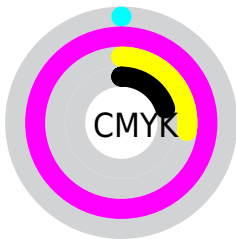
Distribution



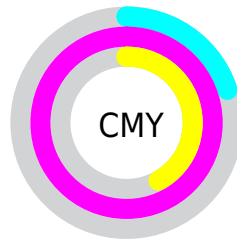
- Red (80%)
- Green (0%)
- Blue (58%)



- Red (80%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2471, 14.9755, 29.3133 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 30.2471, 14.9755, 29.3133 by changing the saturation by 10% instead.


 30.2471, 14.9755,
29.3133


 30.2471, 14.9755,
29.3133


294.9437,
223.2179, 312.7974


 20.1752, 8.8022,
19.0703


 59.4367, 34.8102,
59.6226


 12.6315, 4.6124,
11.5438


 79.2851, 49.2404,
80.5260


 7.2505, 2.0217,
6.3151


 103.1231, 67.1916,
105.8200

 3.6670, 0.6200,
2.9657

 131.3160, 89.0484,
135.9231

 1.5155, 0.0000,
1.0772

 164.2291,
115.1949, 171.2539

 0.3364, 0.0000,
0.0000

 202.2279,

 0.0000, 0.0000,

146.0158, 212.2308

0.0000

245.6777,
181.8953, 259.2725

■ 30.2471, 14.9755,
29.3133

■ 30.2471, 14.9755,
29.3133

■ 30.2464, 14.9752,
29.3092

■ 30.9594, 15.6731,
31.7915

■ 31.9648, 16.9223,
34.4746

■ 33.3569, 18.9097,
37.3953

■ 35.1859, 21.7350,
40.5718

■ 37.4939, 25.4823,
44.0194

■ 40.3181, 30.2252,
47.7520

■ 43.6918, 36.0302,
51.7819

■ 47.6455, 42.9578,
56.1205

■ 52.2074, 51.0640,
60.7787

Harmonies

Analogous

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



24.8545, 14.9755, 60.0248



30.2471, 14.9755, 29.3133



30.5954, 14.9755, 9.3215

Triad

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



30.2471, 14.9755, 29.3133



11.5222, 14.9755, 0.1029



6.8166, 14.9755, 56.1932

Complementary

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



30.2471, 14.9755, 29.3133



22.3081, 43.4719, 10.9613

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.



5.0823, 14.9755, 26.1194



30.2471, 14.9755, 29.3133



7.1738, 14.9755, 1.5455

Square

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



30.2471, 14.9755, 29.3133



18.2496, 14.9755, 0.1942



5.1887, 14.9755, 7.8598



10.8550, 14.9755, 82.1223

Rectangle

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



30.2471, 14.9755, 29.3133



27.7852, 14.9755, 3.3788



5.1887, 14.9755, 7.8598



6.0103, 14.9755, 45.5385

Sweetspot

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



30.2476, 14.9763, 29.3136



72.1108, 59.2404, 85.4729



12.4439, 5.1566, 57.4663



14.9029, 11.7604, 17.6733



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.



30.2476, 14.9763, 29.3136



49.9956, 24.7623, 48.0365



25.4281, 13.0485, 3.9347



11.5510, 11.3491, 13.4362



19.0784, 9.4419, 18.6633



1.0152, 0.4995, 1.1258

Inverse Universe

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



30.2476, 14.9763, 29.3136



49.9956, 24.7623, 48.0365



27.6288, 45.6002, 38.9798



11.5510, 11.3491, 13.4362



19.0784, 9.4419, 18.6633



1.0152, 0.4995, 1.1258

Previews

White Background



This preview shows how the XYZ color 30.2471, 14.9755, 29.3133 looks on a white background.

Color Contrast Check

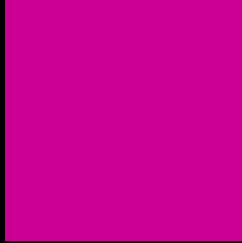
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2471, 14.9755, 29.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

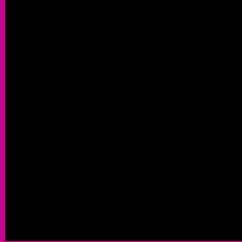
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.2471, 14.9755, 29.3133

Background



This preview shows how black text looks on a background with the XYZ color 30.2471, 14.9755, 29.3133.



This preview shows how white text looks on a background with the XYZ color 30.2471, 14.9755,

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

30.2471, 14.9755, 29.3133

Protanopia

18.3808, 15.9223, 63.7326

Deuteranopia

15.8939, 15.6243, 26.2228



Tritanopia

25.6441, 15.3688, 6.0298

Trichromacy



Original Color

30.2471, 14.9755, 29.3133



Protanomaly

17.2076, 10.8909, 48.7722



Deuteranomaly

18.1659, 11.9600, 26.9422



Tritanomaly

26.4568, 14.3928, 11.7396

Monochromacy



Original Color

30.2471, 14.9755, 29.3133



Achromatopsia

7.2414, 7.6185, 8.2966



Achromatomaly

11.9010, 7.5456, 13.6612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2471, 14.9755, 29.3133 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(204, 0, 148)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 148)  
}
```

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(204, 0, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.2471, 14.9755, 29.3133 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(204, 0, 148) }
```


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

```
.border{ border-color:rgb(204, 0, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 148);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2471, 14.9755, 29.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 148) }
```

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

```
.background{ background-color: rgb(204, 0,  
148) }
```

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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