

Converting Colors

XYZ(29.3870, 15.0913, 26.0142)

Have a look what the booklet for
XYZ(29.3870, 15.0913, 26.0142)
contains.

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Color

**XYZ(29.4174, 15.1033,
26.1757)**

Conversions

Conversions Part 1

Format	Color
Hex	CA188C
RGB	202, 24, 140
RGB Percent	79%, 9%, 55%
CMY	0.2078, 0.9058, 0.4510
CMYK	0.00, 0.88, 0.31, 0.21
HSL	321°, 79%, 44%
HSV	321°, 88%, 79%
XYZ	29.4174, 15.1033, 26.1757
YIQ	90.4460, 68.8520, 73.8120

Conversions

Conversions Part 2

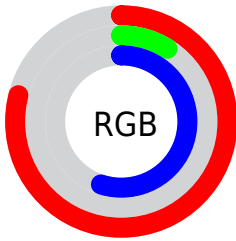
Format	Color
R_{YB}	202, 24, 140
Decimal	13244556
CIE _{Lab}	45.78, 71.94, -17.85
CIE _{LCh}	46, 74.122, 346.066
Yxy	15.1033, 0.4161, 0.2136
Android (android.graphics.Color)	4291434636 (0xFFCA188C)
YUV	90.4460, 24.4301, 97.8329
Hunter-Lab	38.8630, 67.1058, -12.7300

Details

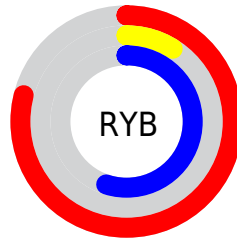
The XYZ color **29.4174, 15.1033, 26.1757** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **23.1782, 43.1078, 15.9073**, and the grayscale version is **9.7566, 10.2647, 11.1783**.

A 20% lighter version of the original color is **55.1605, 33.5208, 54.6018**, and **13.1732, 6.5778, 10.2482** is the 20% darker color. If you saturate the color by 10%, you get **28.6298, 14.3320, 23.4345**, and if you desaturate by 10%, it is **30.5354, 16.4821, 29.1910**.

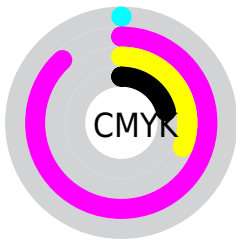
Distribution



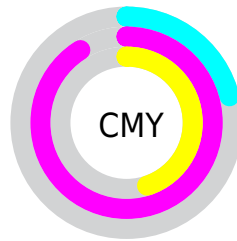
- Red (79%)
- Green (9%)
- Blue (55%)



- Red (79%)
- Yellow (9%)
- Blue (55%)



- Cyan (0%)
- Magenta (88%)
- Yellow (31%)
- Black (21%)





- Cyan (21%)
- Magenta (91%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4174, 15.1033, 26.1757 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 29.4174, 15.1033, 26.1757 by changing the saturation by 10% instead.


 29.4174, 15.1033,
26.1757


 29.4174, 15.1033,
26.1757


291.1381,
223.9906, 297.2764


 19.5427, 8.8919,
16.7282


 58.1326, 35.0343,
54.5458

 12.1694, 4.6707,
9.8810


 77.7037, 49.5227,
74.3055


 6.9322, 2.0554,
5.2155


 101.2378, 67.5389,
98.3397

 3.4657, 0.6394,
2.3133

 129.1000, 89.4673,
127.0668

 1.4045, 0.0000,
0.7387

 161.6558,
115.6923, 160.9055

 0.2594, 0.0000,
0.0000

 199.2705,

 0.0000, 0.0000,

146.5982, 200.2743

0.0000

242.3095,
182.5695, 245.5918

■ 29.4174, 15.1033,
26.1757

■ 29.4174, 15.1033,
26.1757

■ 28.6298, 14.3320,
23.4345

■ 30.5354, 16.4821,
29.1910

■ 28.4970, 14.2125,
22.9397

■ 32.0532, 18.6065,
32.5061

■ 34.0186, 21.5710,
36.1400

■ 36.4720, 25.4557,
40.1089

■ 39.4493, 30.3312,
44.4275

■ 42.9825, 36.2612,
49.1093

■ 47.1015, 43.3039,
54.1667

■ 51.8334, 51.5134,
59.6114

■ 57.2041, 60.9401,
65.4545

Harmonies

Analogous

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



24.8346, 15.1033, 53.6203



29.4174, 15.1033, 26.1757



29.2316, 15.1033, 8.6560

Triad

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



29.4174, 15.1033, 26.1757



11.2866, 15.1033, 0.5380



7.5405, 15.1033, 55.6305

Complementary

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



29.4174, 15.1033, 26.1757



23.1782, 43.1078, 15.9073

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.



5.6420, 15.1033, 27.8936



29.4174, 15.1033, 26.1757



7.3371, 15.1033, 2.2744

Square

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



29.4174, 15.1033, 26.1757



17.4400, 15.1033, 0.4881



5.5803, 15.1033, 9.4853



11.6575, 15.1033, 77.3433

Rectangle

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



29.4174, 15.1033, 26.1757



26.3899, 15.1033, 3.3826



5.5803, 15.1033, 9.4853



6.6817, 15.1033, 46.0693

Sweetspot

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



29.4179, 15.1041, 26.1760



73.9250, 63.3470, 84.6036



14.5857, 6.7732, 56.4159



15.3367, 12.7347, 17.4892



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.



29.4179, 15.1041, 26.1760



48.1386, 24.0194, 38.2573



25.3427, 13.4740, 4.7162



11.5151, 11.3348, 13.2471



18.3809, 9.1629, 14.9902



0.9832, 0.4867, 0.9576

Inverse Universe

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



29.4179, 15.1041, 26.1760



48.1386, 24.0194, 38.2573



28.9765, 45.4271, 46.4406



11.5151, 11.3348, 13.2471



18.3809, 9.1629, 14.9902



0.9832, 0.4867, 0.9576

Previews

White Background



This preview shows how the XYZ color 29.4174, 15.1033, 26.1757 looks on a white background.

Color Contrast Check

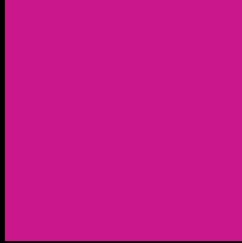
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4174, 15.1033, 26.1757 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 29.4174, 15.1033, 26.1757

Background



This preview shows how black text looks on a background with the XYZ color 29.4174, 15.1033, 26.1757.



This preview shows how white text looks on a background with the XYZ color 29.4174, 15.1033,

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

29.4174, 15.1033, 26.1757

Protanopia

17.5362, 15.6942, 54.3296

Deuteranopia

15.7848, 15.4691, 23.6266



Tritanopia

25.1712, 15.2006, 6.0222

Trichromacy



Original Color

29.4174, 15.1033, 26.1757



Protanomaly

17.6928, 12.1553, 42.4880



Deuteranomaly

18.2846, 12.8686, 24.0744



Tritanomaly

26.1112, 14.6979, 11.1336

Monochromacy



Original Color

29.4174, 15.1033, 26.1757



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

14.0151, 9.8044, 15.3411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4174, 15.1033, 26.1757 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(202, 24, 140)` looks like.

```
.text, #text, p{  
    color:rgb(202, 24, 140)  
}
```

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(202, 24, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 24, 140) }
```

Border

The CSS property to change the border of an element to XYZ 29.4174, 15.1033, 26.1757 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(202, 24, 140) }
```


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

```
.border{ border-color:rgb(202, 24, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 24, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 24, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 24, 140);  
box-shadow:4px 4px 4px 4px rgb(202, 24,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4174, 15.1033, 26.1757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 24, 140) }
```

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

```
.background{ background-color: rgb(202, 24,  
140) }
```

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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