

Converting Colors

XYZ(29.1315, 15.2666, 34.3179)

Have a look what the booklet for
XYZ(29.1315, 15.2666, 34.3179)
contains.

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Color

**XYZ(29.1677, 15.2957,
34.2159)**

Conversions

Conversions Part 1

Format	Color
Hex	C2259F
RGB	194, 37, 159
RGB Percent	76%, 15%, 62%
CMY	0.2392, 0.8549, 0.3765
CMYK	0.00, 0.81, 0.18, 0.24
HSL	313°, 68%, 45%
HSV	313°, 81%, 76%
XYZ	29.1677, 15.2957, 34.2159
YIQ	97.8510, 54.4100, 71.2260

Conversions

Conversions Part 2

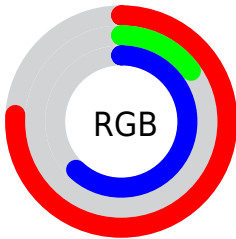
Format	Color
RYB	194, 37, 159
Decimal	12723615
CIELab	46.04, 69.86, -29.01
CIElCh	46, 75.641, 337.445
Yxy	15.2957, 0.3707, 0.1944
Android (android.graphics.Color)	4290913695 (0xFFC2259F)
YUV	97.8510, 30.1465, 84.3227
Hunter-Lab	39.1097, 64.6818, -24.4942

Details

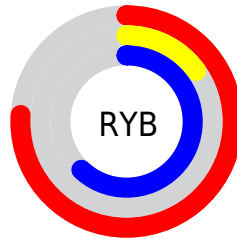
The XYZ color **29.1677, 15.2957, 34.2159** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark muted rose. A complement of this color would be **21.2254, 39.4454, 12.6280**, and the grayscale version is **11.4920, 12.0905, 13.1666**.

A 20% lighter version of the original color is **57.7620, 35.4286, 67.4123**, and **12.8072, 6.2958, 14.4501** is the 20% darker color. If you saturate the color by 10%, you get **28.3475, 14.2452, 32.1230**, and if you desaturate by 10%, it is **30.3225, 16.9939, 36.4854**.

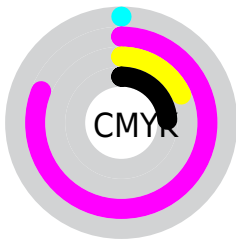
Distribution



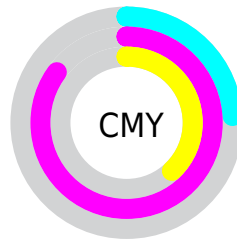
- Red (76%)
- Green (15%)
- Blue (62%)



- Red (76%)
- Yellow (15%)
- Blue (62%)



- Cyan (0%)
- Magenta (81%)
- Yellow (18%)
- Black (24%)



- Cyan (24%)
- Magenta (85%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1677, 15.2957, 34.2159 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 29.1677, 15.2957, 34.2159 by changing the saturation by 10% instead.

■ 29.1677, 15.2957,
34.2159

■ 29.1677, 15.2957,
34.2159

289.9853,
225.1491, 335.8922

■ 19.3526, 9.0272,
22.7808

■ 57.7391, 35.3711,
67.4070

■ 12.0309, 4.7589,
14.2280

■ 77.2262, 49.9468,
90.0001

■ 6.8371, 2.1065,
8.1388

■ 100.6680, 68.0603,
117.1496

■ 3.4058, 0.6683,
4.0949

■ 128.4299, 90.0960,
149.2740

■ 1.3718, 0.0000,
1.6775

■ 160.8772,
116.4383, 186.7920

■ 0.2360, 0.0000,
0.3453

■ 198.3753,

■ 0.0000, 0.0000,

147.4717, 230.1220

0.0000

241.2896,
183.5805, 279.6825

■ 29.1677, 15.2957,
34.2159

■ 29.1677, 15.2957,
34.2159

■ 28.3475, 14.2452,
32.1230

■ 30.3225, 16.9939,
36.4854

■ 27.8138, 13.6956,
30.3488

■ 31.8551, 19.4265,
38.9461

■ 33.8037, 22.6697,
41.6116

■ 36.2011, 26.7891,
44.4934

■ 39.0772, 31.8438,
47.6021

■ 42.4589, 37.8877,
50.9473

■ 46.3712, 44.9707,
54.5379

■ 50.8375, 53.1391,
58.3822

■ 55.8795, 62.4366,
62.4882

Harmonies

Analogous

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



23.4035, 15.2957, 63.4055



29.1677, 15.2957, 34.2159



30.5238, 15.2957, 12.4827

Triad

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



29.1677, 15.2957, 34.2159



12.9973, 15.2957, 0.3055



6.7781, 15.2957, 48.6985

Complementary

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



29.1677, 15.2957, 34.2159



21.2254, 39.4454, 12.6280

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.



5.4152, 15.2957, 21.6653



29.1677, 15.2957, 34.2159



8.2530, 15.2957, 1.4046

Square

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



29.1677, 15.2957, 34.2159



19.8024, 15.2957, 0.6654



5.8616, 15.2957, 6.4455



10.3007, 15.2957, 75.2366

Rectangle

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



29.1677, 15.2957, 34.2159



28.4657, 15.2957, 5.1005



5.8616, 15.2957, 6.4455



6.1078, 15.2957, 38.8246

Sweetspot

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



29.1682, 15.2965, 34.2162



74.6988, 64.6468, 90.1575



13.0000, 6.5595, 51.6202



15.8729, 13.2898, 19.2622



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.



29.1682, 15.2965, 34.2162



50.5666, 25.0145, 55.5018



24.4139, 13.3948, 9.1803



10.3981, 10.2078, 12.1868



18.3185, 9.0172, 20.1213



0.8158, 0.3993, 0.9973

Inverse Universe

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



29.1682, 15.2965, 34.2162



50.5666, 25.0145, 55.5018



25.5217, 41.1639, 35.2524



10.3981, 10.2078, 12.1868



18.3185, 9.0172, 20.1213



0.8158, 0.3993, 0.9973

Previews

White Background



This preview shows how the XYZ color 29.1677, 15.2957, 34.2159 looks on a white background.

Color Contrast Check

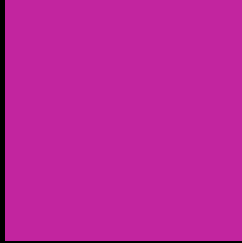
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1677, 15.2957, 34.2159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

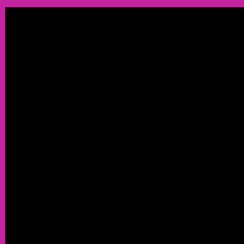
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.1677, 15.2957, 34.2159

Background



This preview shows how black text looks on a background with the XYZ color 29.1677, 15.2957, 34.2159.



This preview shows how white text looks on a background with the XYZ color 29.1677, 15.2957,

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

29.1677, 15.2957, 34.2159

Protanopia

18.4585, 15.7498, 66.3571

Deuteranopia

15.9046, 15.5238, 31.0123



Tritanopia

23.9197, 15.4395, 8.1980

Trichromacy



Original Color

29.1677, 15.2957, 34.2159



Protanomaly

17.9383, 12.4776, 53.0927



Deuteranomaly

18.4399, 13.3210, 31.7363



Tritanomaly

25.2981, 14.9932, 14.9252

Monochromacy



Original Color

29.1677, 15.2957, 34.2159



Achromatopsia

11.6093, 12.2139, 13.3009



Achromatomaly

15.6475, 11.5115, 19.1665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1677, 15.2957, 34.2159 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(194, 37, 159)` looks like.

```
.text, #text, p{  
    color:rgb(194, 37, 159)  
}
```

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(194, 37, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 37, 159) }
```

Border

The CSS property to change the border of an element to XYZ 29.1677, 15.2957, 34.2159 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(194, 37, 159) }
```


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

```
.border{ border-color:rgb(194, 37, 159) }
```

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

Here you see how a box with a 4 pixel rgb(194, 37, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 37, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 37, 159);  
box-shadow:4px 4px 4px 4px rgb(194, 37,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1677, 15.2957, 34.2159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 37, 159) }
```

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

```
.background{ background-color: rgb(194, 37,  
159) }
```

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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