

Converting Colors

XYZ(31.4348, 15.4823, 34.1325)

Have a look what the booklet for
XYZ(31.4348, 15.4823, 34.1325)
contains.

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Color

**XYZ(31.4348, 15.4823,
34.1325)**

Conversions

Conversions Part 1

Format	Color
Hex	CD009F
RGB	205, 0, 159
RGB Percent	80%, 0%, 62%
CMY	0.1961, 0.9999, 0.3765
CMYK	0.00, 1.00, 0.22, 0.20
HSL	313°, 100%, 40%
HSV	313°, 100%, 80%
XYZ	31.4348, 15.4823, 34.1325
YIQ	79.4210, 71.1410, 92.9090

Conversions

Conversions Part 2

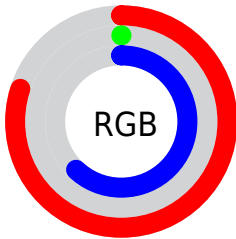
Format	Color
R_{YB}	205, 0, 159
Decimal	13435039
CIE _{Lab}	46.29, 77.29, -28.47
CIE _{LCh}	46, 82.370, 339.780
Yxy	15.4823, 0.3878, 0.1910
Android (android.graphics.Color)	4291625119 (0xFFCD009F)
YUV	79.4210, 39.2324, 110.1328
Hunter-Lab	39.3476, 73.7456, -23.8885

Details

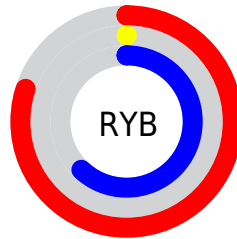
The XYZ color **31.4348, 15.4823, 34.1325** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **22.3256, 43.8605, 9.8775**, and the grayscale version is **7.4336, 7.8207, 8.5168**.

A 20% lighter version of the original color is **57.1187, 33.5972, 67.0928**, and **14.5079, 7.1725, 14.5297** is the 20% darker color. If you saturate the color by 10%, you get **31.4343, 15.4821, 34.1292**, and if you desaturate by 10%, it is **32.1015, 16.1645, 36.3615**.

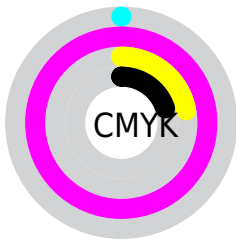
Distribution



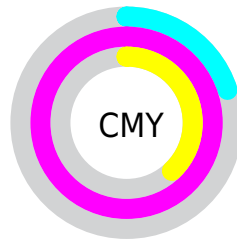
- Red (80%)
- Green (0%)
- Blue (62%)



- Red (80%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4348, 15.4823, 34.1325 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 31.4348, 15.4823, 34.1325 by changing the saturation by 10% instead.

 31.4348, 15.4823,
34.1325


 31.4348, 15.4823,
34.1325

300.3277,
226.2672, 335.5096


 21.0836, 9.1586,
22.7172


 61.2952, 35.6971,
67.2759


 13.2979, 4.8448,
14.1815

 81.5351, 50.3569,
89.8411


 7.7124, 2.1565,
8.1068


 105.8019, 68.5643,
116.9601

 3.9618, 0.6961,
4.0746

 134.4610, 90.7035,
149.0513

 1.6805, 0.0000,
1.6664

 167.8778,
117.1590, 186.5333

 0.4440, 0.0000,
0.3375

 206.4176,

 0.0000, 0.0000,

148.3152, 229.8247

0.0000

250.4458,
184.5565, 279.3439

■ 31.4348, 15.4823,
34.1325

■ 31.4348, 15.4823,
34.1325

■ 31.4343, 15.4821,
34.1292

■ 32.1015, 16.1645,
36.3615

■ 33.0577, 17.4021,
38.7611

■ 34.3980, 19.3834,
41.3635

■ 36.1728, 22.2093,
44.1864

■ 38.4248, 25.9647,
47.2447

■ 41.1915, 30.7244,
50.5516

■ 44.5063, 36.5554,
54.1191

■ 48.4002, 43.5189,
57.9581

■ 52.9015, 51.6716,
62.0788

Harmonies

Analogous

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



25.1939, 15.4823, 67.6911



31.4348, 15.4823, 34.1325



32.5048, 15.4823, 11.0900

Triad

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



31.4348, 15.4823, 34.1325



12.5327, 15.4823, 0.0000



6.5680, 15.4823, 55.8486

Complementary

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



31.4348, 15.4823, 34.1325



22.3256, 43.8605, 9.8775

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.



4.9970, 15.4823, 24.3420



31.4348, 15.4823, 34.1325



7.6393, 15.4823, 1.1666

Square

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



31.4348, 15.4823, 34.1325



19.9107, 15.4823, 0.1757



5.3139, 15.4823, 6.6909



10.5131, 15.4823, 85.7380

Rectangle

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



31.4348, 15.4823, 34.1325



29.8790, 15.4823, 3.9994



5.3139, 15.4823, 6.6909



5.8125, 15.4823, 44.3936

Sweetspot

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



31.4353, 15.4831, 34.1328



72.6679, 59.4633, 88.4066



12.0777, 4.9539, 58.0774



15.0369, 11.8140, 18.3788



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.



31.4353, 15.4831, 34.1328



51.4067, 25.3267, 55.4670



25.9437, 13.2865, 5.2145



11.5756, 11.3590, 13.5657



19.6062, 9.6531, 21.4427



1.0387, 0.5089, 1.2495

Inverse Universe

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



31.4353, 15.4831, 34.1328



51.4067, 25.3267, 55.4670



27.0925, 45.7673, 34.9795



11.5756, 11.3590, 13.5657



19.6062, 9.6531, 21.4427



1.0387, 0.5089, 1.2495

Previews

White Background



This preview shows how the XYZ color 31.4348, 15.4823, 34.1325 looks on a white background.

Color Contrast Check

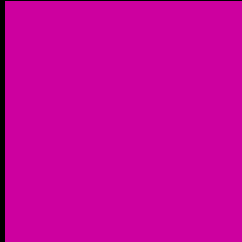
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4348, 15.4823, 34.1325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

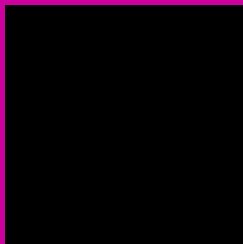
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 31.4348, 15.4823, 34.1325

Background



This preview shows how black text looks on a background with the XYZ color 31.4348, 15.4823, 34.1325.



This preview shows how white text looks on a background with the XYZ color 31.4348, 15.4823,

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

31.4348, 15.4823, 34.1325

Protanopia

19.5689, 16.4630, 74.0978

Deuteranopia

16.4802, 16.1466, 30.6818



Tritanopia

26.0496, 15.9541, 6.8607

Trichromacy



Original Color

31.4348, 15.4823, 34.1325



Protanomaly

17.2024, 10.7958, 57.0542



Deuteranomaly

18.5874, 12.1692, 31.5062



Tritanomaly

27.1464, 14.8552, 13.4932

Monochromacy



Original Color

31.4348, 15.4823, 34.1325



Achromatopsia

7.4317, 7.8187, 8.5146



Achromatomaly

12.3048, 7.7239, 15.0297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4348, 15.4823, 34.1325 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(205, 0, 159)` looks like.

```
.text, #text, p{  
    color:rgb(205, 0, 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(205, 0, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 0, 159) }
```

Border

The CSS property to change the border of an element to XYZ 31.4348, 15.4823, 34.1325 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(205, 0, 159) }
```


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

```
.border{ border-color:rgb(205, 0, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 0, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 0, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 0, 159);  
box-shadow:4px 4px 4px 4px rgb(205, 0,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4348, 15.4823, 34.1325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 0, 159) }
```

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

```
.background{ background-color: rgb(205, 0,  
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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