

Converting Colors

XYZ(35.1148, 17.3015, 40.0169)

Have a look what the booklet for
XYZ(35.1148, 17.3015, 40.0169)
contains.

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Color

**XYZ(35.1148, 17.3015,
40.0169)**

Conversions

Conversions Part 1

Format	Color
Hex	D603AB
RGB	214, 3, 171
RGB Percent	84%, 1%, 67%
CMY	0.1608, 0.9881, 0.3294
CMYK	0.00, 0.99, 0.20, 0.16
HSL	312°, 97%, 43%
HSV	312°, 99%, 84%
XYZ	35.1148, 17.3015, 40.0169
YIQ	85.2410, 71.8280, 96.9800

Conversions

Conversions Part 2

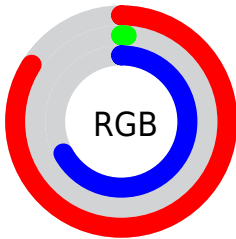
Format	Color
R_{YB}	214, 3, 171
Decimal	14025643
CIE Lab	48.64, 80.16, -31.82
CIE LCh	49, 86.246, 338.353
Yxy	17.3015, 0.3799, 0.1872
Android (android.graphics.Color)	4292215723 (0xFFD603AB)
YUV	85.2410, 42.2792, 112.9216
Hunter-Lab	41.5951, 77.8994, -27.9239

Details

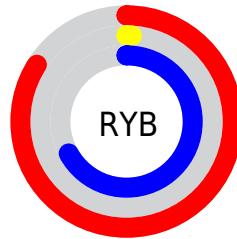
The XYZ color **35.1148, 17.3015, 40.0169** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **24.5785, 48.3106, 10.6179**, and the grayscale version is **8.5929, 9.0404, 9.8450**.

A 20% lighter version of the original color is **59.1078, 34.8115, 76.2770**, and **16.5964, 8.1780, 17.8433** is the 20% darker color. If you saturate the color by 10%, you get **35.0236, 17.2130, 39.6963**, and if you desaturate by 10%, it is **35.8409, 18.0770, 42.3444**.

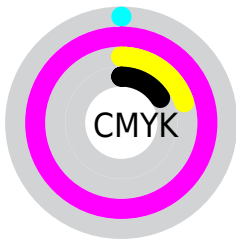
Distribution



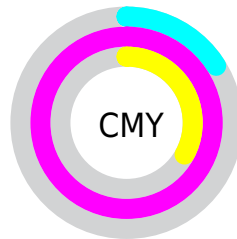
- Red (84%)
- Green (1%)
- Blue (67%)



- Red (84%)
- Yellow (1%)
- Blue (67%)



- Cyan (0%)
- Magenta (99%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (99%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1148, 17.3015, 40.0169 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 35.1148, 17.3015, 40.0169 by changing the saturation by 10% instead.


 35.1148, 17.3015,
40.0169


 35.1148, 17.3015,
40.0169


316.5739,
236.9039, 361.7490


 23.9182, 10.4497,
27.2378


 66.9964, 38.8434,
76.4266


 15.3974, 5.6981,
17.5179


 88.4122, 54.3023,
100.8943

 9.1869, 2.6624,
10.4386


 113.9651, 73.3991,
130.0954

 4.9214, 0.9581,
5.5813

 144.0205, 96.5180,
164.4483

 2.2355, 0.0000,
2.5276

 178.9437,
124.0436, 204.3715

 0.7613, 0.0000,
0.8547

 219.1001,

 0.0000, 0.0000,

156.3602, 250.2837

0.0000

264.8551,
193.8521, 302.6034

■ 35.1148, 17.3015,
40.0169

■ 35.1148, 17.3015,
40.0169

■ 35.0236, 17.2130,
39.6963

■ 35.8409, 18.0770,
42.3444

■ 36.9124, 19.5214,
44.8554

■ 38.4137, 21.8029,
47.5785

■ 40.3993, 25.0306,
50.5326

■ 42.9159, 29.2975,
53.7340

■ 46.0044, 34.6852,
57.1967

■ 49.7016, 41.2671,
60.9338

■ 54.0412, 49.1106,
64.9570

■ 59.0545, 58.2779,
69.2773

Harmonies

Analogous

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



27.8572, 17.3015, 78.1633



35.1148, 17.3015, 40.0169



36.6542, 17.3015, 13.1725

Triad

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



35.1148, 17.3015, 40.0169



14.3244, 17.3015, 0.0000



7.1405, 17.3015, 61.0947

Complementary

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



35.1148, 17.3015, 40.0169



24.5785, 48.3106, 10.6179

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.



5.4902, 17.3015, 25.9327



35.1148, 17.3015, 40.0169



8.6722, 17.3015, 1.1444

Square

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



35.1148, 17.3015, 40.0169



22.7459, 17.3015, 0.2583



5.9425, 17.3015, 6.8720



11.4298, 17.3015, 95.7427

Rectangle

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



35.1148, 17.3015, 40.0169



33.8779, 17.3015, 4.7664



5.9425, 17.3015, 6.8720



6.3337, 17.3015, 48.1773

Sweetspot

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



35.1154, 17.3024, 40.0172



72.9003, 59.5562, 89.6305



13.2629, 5.4840, 63.9782



15.0929, 11.8364, 18.6737



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.



35.1154, 17.3024, 40.0172



52.0224, 25.5730, 58.7094



28.7576, 14.7593, 6.5377



12.8395, 12.5873, 15.0951



21.2077, 10.4194, 24.1958



1.3072, 0.6397, 1.6071

Inverse Universe

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



35.1154, 17.3024, 40.0172



52.0224, 25.5730, 58.7094



29.6472, 50.3380, 37.3089



12.8395, 12.5873, 15.0951



21.2077, 10.4194, 24.1958



1.3072, 0.6397, 1.6071

Previews

White Background



This preview shows how the XYZ color 35.1148, 17.3015, 40.0169 looks on a white background.

Color Contrast Check

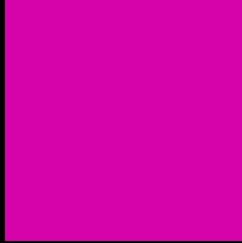
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1148, 17.3015, 40.0169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

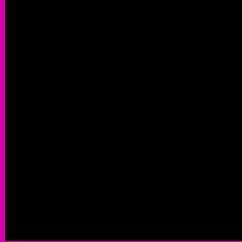
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 35.1148, 17.3015, 40.0169

Background



This preview shows how black text looks on a background with the XYZ color 35.1148, 17.3015, 40.0169.



This preview shows how white text looks on a background with the XYZ color 35.1148, 17.3015,

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

35.1148, 17.3015, 40.0169

Protanopia

21.7823, 18.1611, 85.5765

Deuteranopia

18.2995, 17.9719, 35.7621



Tritanopia

28.5981, 17.5911, 7.8494

Trichromacy



Original Color

35.1148, 17.3015, 40.0169



Protanomaly

17.9191, 11.3427, 66.2107



Deuteranomaly

20.7185, 13.6418, 36.6631



Tritanomaly

29.8490, 16.4182, 15.5057

Monochromacy



Original Color

35.1148, 17.3015, 40.0169



Achromatopsia

8.6345, 9.0842, 9.8927



Achromatomaly

14.0343, 8.8989, 17.5010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1148, 17.3015, 40.0169 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(214, 3, 171)` looks like.

```
.text, #text, p{  
    color:rgb(214, 3, 171)  
}
```

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(214, 3, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 3, 171) }
```

Border

The CSS property to change the border of an element to XYZ 35.1148, 17.3015, 40.0169 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(214, 3, 171) }
```


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

```
.border{ border-color:rgb(214, 3, 171) }
```

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

Here you see how a box with a 4 pixel rgb(214, 3, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 3, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 3, 171);  
box-shadow:4px 4px 4px 4px rgb(214, 3,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1148, 17.3015, 40.0169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 3, 171) }
```

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

```
.background{ background-color: rgb(214, 3,  
171) }
```

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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