

Converting Colors

XYZ(35.1031, 17.4026, 41.0441)

Have a look what the booklet for
XYZ(35.1031, 17.4026, 41.0441)
contains.

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Color

**XYZ(35.1031, 17.4026,
41.0441)**

Conversions

Conversions Part 1

Format	Color
Hex	D50BAD
RGB	213, 11, 173
RGB Percent	84%, 4%, 68%
CMY	0.1647, 0.9567, 0.3216
CMYK	0.00, 0.95, 0.19, 0.16
HSL	312°, 90%, 44%
HSV	312°, 95%, 84%
XYZ	35.1031, 17.4026, 41.0441
YIQ	89.8660, 68.3900, 93.2060

Conversions

Conversions Part 2

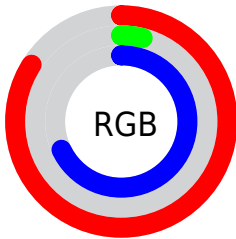
Format	Color
R_{YB}	213, 11, 173
Decimal	13962157
CIE _{Lab}	48.76, 79.58, -32.81
CIE _{LCh}	49, 86.081, 337.592
Yxy	17.4026, 0.3752, 0.1860
Android (android.graphics.Color)	4292152237 (0xFFD50BAD)
YUV	89.8660, 40.9851, 107.9885
Hunter-Lab	41.7164, 77.1986, -29.1330

Details

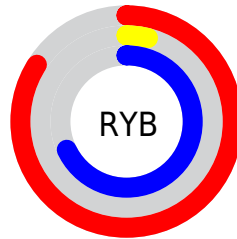
The XYZ color **35.1031, 17.4026, 41.0441** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **24.5312, 47.8996, 11.0885**, and the grayscale version is **9.5930, 10.0926, 10.9908**.

A 20% lighter version of the original color is **59.4751, 35.1016, 77.7693**, and **16.5270, 8.1284, 18.4672** is the 20% darker color. If you saturate the color by 10%, you get **34.7739, 17.0795, 39.8996**, and if you desaturate by 10%, it is **35.9240, 18.3804, 43.3639**.

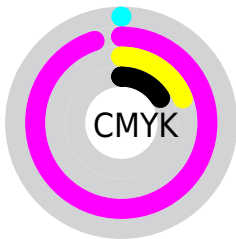
Distribution



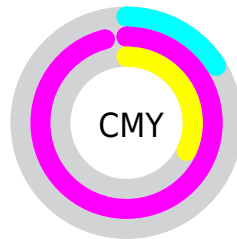
- Red (84%)
- Green (4%)
- Blue (68%)



- Red (84%)
- Yellow (4%)
- Blue (68%)



- Cyan (0%)
- Magenta (95%)
- Yellow (19%)
- Black (16%)





- Cyan (16%)
- Magenta (96%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1031, 17.4026, 41.0441 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 35.1031, 17.4026, 41.0441 by changing the saturation by 10% instead.

 35.1031, 17.4026,
41.0441


 35.1031, 17.4026,
41.0441


316.5232,
237.4819, 366.1870

 23.9092, 10.5220,
28.0336


 66.9784, 39.0167,
78.0052


 15.3906, 5.7464,
18.1117


 88.3906, 54.5189,
102.7929


 9.1821, 2.6915,
10.8600


 113.9395, 73.6638,
132.3434

 4.9182, 0.9729,
5.8598

 143.9905, 96.8358,
167.0753

 2.2336, 0.0000,
2.6926

 178.9091,
124.4191, 207.4070

 0.7604, 0.0000,
0.9397

 219.0605,

 0.0000, 0.0000,

156.7984, 253.7572

0.0000

264.8101,
194.3578, 306.5443

■ 35.1031, 17.4026,
41.0441

■ 35.1031, 17.4026,
41.0441

■ 34.7739, 17.0795,
39.8996

■ 35.9240, 18.3804,
43.3639

■ 37.1284, 20.1048,
45.8755

■ 38.7788, 22.7000,
48.6006

■ 40.9256, 26.2670,
51.5564

■ 43.6125, 30.8928,
54.7581

■ 46.8784, 36.6551,
58.2192

■ 50.7584, 43.6238,
61.9519

■ 55.2849, 51.8636,
65.9675

■ 60.4878, 61.4342,
70.2765

Harmonies

Analogous

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



27.7413, 17.4026, 79.2035



35.1031, 17.4026, 41.0441



36.8168, 17.4026, 13.7284

Triad

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



35.1031, 17.4026, 41.0441



14.6003, 17.4026, 0.0000



7.1372, 17.4026, 60.2252

Complementary

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



35.1031, 17.4026, 41.0441



24.5312, 47.8996, 11.0885

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.



5.5368, 17.4026, 25.3479



35.1031, 17.4026, 41.0441



8.8519, 17.4026, 1.1166

Square

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



35.1031, 17.4026, 41.0441



23.0862, 17.4026, 0.3141



6.0439, 17.4026, 6.6714



11.3664, 17.4026, 95.1969

Rectangle

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



35.1031, 17.4026, 41.0441



34.1461, 17.4026, 5.0359



6.0439, 17.4026, 6.6714



6.3478, 17.4026, 47.3562

Sweetspot

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



35.1037, 17.4035, 41.0444



74.1536, 61.7175, 91.1130



13.3522, 5.6741, 63.3427



15.3337, 12.2443, 18.9810



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.



35.1037, 17.4035, 41.0444



52.1987, 25.6435, 59.6379



28.8305, 14.8942, 8.0101



12.8427, 12.5886, 15.1119



21.2782, 10.4476, 24.5667



1.3109, 0.6411, 1.6265

Inverse Universe

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



35.1037, 17.4035, 41.0444



52.1987, 25.6435, 59.6379



29.3613, 49.8316, 36.5234



12.8427, 12.5886, 15.1119



21.2782, 10.4476, 24.5667



1.3109, 0.6411, 1.6265

Previews

White Background



This preview shows how the XYZ color 35.1031, 17.4026, 41.0441 looks on a white background.

Color Contrast Check

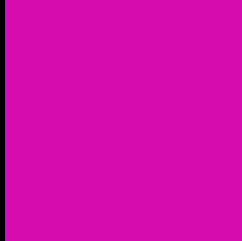
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1031, 17.4026, 41.0441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

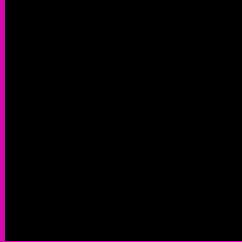
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 35.1031, 17.4026, 41.0441

Background



This preview shows how black text looks on a background with the XYZ color 35.1031, 17.4026, 41.0441.



This preview shows how white text looks on a background with the XYZ color 35.1031, 17.4026,

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

35.1031, 17.4026, 41.0441

Protanopia

21.6333, 18.1015, 84.7918

Deuteranopia

18.2465, 17.9242, 36.6804



Tritanopia

28.4747, 17.7033, 8.0472

Trichromacy



Original Color

35.1031, 17.4026, 41.0441



Protanomaly

18.0397, 11.7045, 66.2742



Deuteranomaly

20.7627, 13.9527, 37.6752



Tritanomaly

29.8297, 16.6279, 16.1053

Monochromacy



Original Color

35.1031, 17.4026, 41.0441



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

15.0506, 9.8444, 18.8762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1031, 17.4026, 41.0441 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(213, 11, 173)` looks like.

```
.text, #text, p{  
    color:rgb(213, 11, 173)  
}
```

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(213, 11, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 11, 173) }
```

Border

The CSS property to change the border of an element to XYZ 35.1031, 17.4026, 41.0441 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(213, 11, 173) }
```


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

```
.border{ border-color:rgb(213, 11, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 11, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 11, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 11, 173);  
box-shadow:4px 4px 4px 4px rgb(213, 11,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1031, 17.4026, 41.0441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 11, 173) }
```

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

```
.background{ background-color: rgb(213, 11,  
173) }
```

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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