

Converting Colors

XYZ(35.6818, 17.6316, 41.2611)

Have a look what the booklet for
XYZ(35.6818, 17.6316, 41.2611)
contains.

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Color

**XYZ(35.6431, 17.6162,
41.0568)**

Conversions

Conversions Part 1

Format	Color
Hex	D707AD
RGB	215, 7, 173
RGB Percent	84%, 3%, 68%
CMY	0.1569, 0.9724, 0.3216
CMYK	0.00, 0.97, 0.20, 0.16
HSL	312°, 94%, 44%
HSV	312°, 97%, 84%
XYZ	35.6431, 17.6162, 41.0568
YIQ	88.1160, 70.6820, 95.7220

Conversions

Conversions Part 2

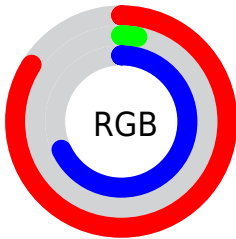
Format	Color
RYB	215, 7, 173
Decimal	14092205
CIELab	49.03, 80.27, -32.37
CIELCh	49, 86.556, 338.036
Yxy	17.6162, 0.3779, 0.1868
Android (android.graphics.Color)	4292282285 (0xFFD707AD)
YUV	88.1160, 41.8478, 111.2773
Hunter-Lab	41.9717, 78.1351, -28.6175

Details

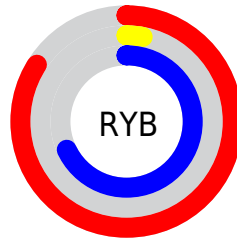
The XYZ color **35.6431, 17.6162, 41.0568** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **24.9439, 48.8686, 11.0282**, and the grayscale version is **9.2070, 9.6865, 10.5486**.

A 20% lighter version of the original color is **59.4751, 35.1016, 77.7693**, and **16.9077, 8.3246, 18.4850** is the 20% darker color. If you saturate the color by 10%, you get **35.4304, 17.4095, 40.3106**, and if you desaturate by 10%, it is **36.4226, 18.4915, 43.4237**.

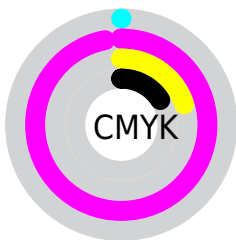
Distribution



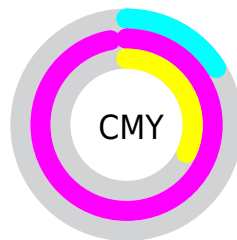
- Red (84%)
- Green (3%)
- Blue (68%)



- Red (84%)
- Yellow (3%)
- Blue (68%)



- Cyan (0%)
- Magenta (97%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (97%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6431, 17.6162, 41.0568 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 35.6431, 17.6162, 41.0568 by changing the saturation by 10% instead.


 35.6431, 17.6162,
41.0568


 35.6431, 17.6162,
41.0568


318.8564,
238.6988, 366.2416


 24.3275, 10.6748,
28.0434


 67.8083, 39.3822,
78.0247


 15.7028, 5.8486,
18.1191


 89.3887, 54.9757,
102.8164


 9.4036, 2.7532,
10.8652


 115.1213, 74.2219,
132.3712

 5.0646, 1.0043,
5.8632

 145.3716, 97.5053,
167.1077

 2.3203, 0.0000,
2.6946

 180.5049,
125.2103, 207.4444

 0.8050, 0.0000,
0.9407

 220.8866,

 0.0000, 0.0000,

157.7213, 253.8000

0.0000

266.8820,
195.4226, 306.5929

■ 35.6431, 17.6162,
41.0568

■ 35.6431, 17.6162,
41.0568

■ 35.4304, 17.4095,
40.3106

■ 36.4226, 18.4915,
43.4237

■ 37.5777, 20.0963,
45.9837

■ 39.1781, 22.5691,
48.7607

■ 41.2771, 26.0170,
51.7732

■ 43.9207, 30.5314,
55.0371

■ 47.1495, 36.1932,
58.5664

■ 51.0000, 43.0755,
62.3739

■ 55.5058, 51.2452,
66.4715

■ 60.6982, 60.7646,
70.8700

Harmonies

Analogous

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



28.2354, 17.6162, 79.7599



35.6431, 17.6162, 41.0568



37.2785, 17.6162, 13.6168

Triad

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



35.6431, 17.6162, 41.0568



14.6675, 17.6162, 0.0000



7.2569, 17.6162, 61.6392

Complementary

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



35.6431, 17.6162, 41.0568



24.9439, 48.8686, 11.0282

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.



5.6020, 17.6162, 26.0858



35.6431, 17.6162, 41.0568



8.8892, 17.6162, 1.1548

Square

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



35.6431, 17.6162, 41.0568



23.2414, 17.6162, 0.2975



6.0844, 17.6162, 6.9012



11.5862, 17.6162, 96.9210

Rectangle

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



35.6431, 17.6162, 41.0568



34.5063, 17.6162, 4.9608



6.0844, 17.6162, 6.9012



6.4450, 17.6162, 48.5554

Sweetspot

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



35.6437, 17.6171, 41.0571



73.5119, 60.6232, 90.3155



13.5912, 5.7031, 64.6747



15.2098, 12.0375, 18.8136



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.



35.6437, 17.6171, 41.0571



52.0791, 25.5956, 59.0080



29.1884, 15.0350, 7.0640



12.8405, 12.5877, 15.1005



21.2304, 10.4285, 24.3151



1.3084, 0.6401, 1.6134

Inverse Universe

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



35.6437, 17.6171, 41.0571



52.0791, 25.5956, 59.0080



30.1065, 50.9336, 38.2139



12.8405, 12.5877, 15.1005



21.2304, 10.4285, 24.3151



1.3084, 0.6401, 1.6134

Previews

White Background



This preview shows how the XYZ color 35.6431, 17.6162, 41.0568 looks on a white background.

Color Contrast Check

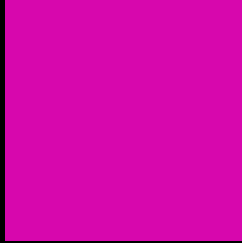
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6431, 17.6162, 41.0568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

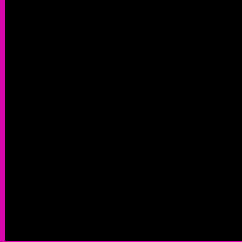
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6431, 17.6162, 41.0568

Background



This preview shows how black text looks on a background with the XYZ color 35.6431, 17.6162, 41.0568.



This preview shows how white text looks on a background with the XYZ color 35.6431, 17.6162,

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

35.6431, 17.6162, 41.0568

Protanopia

22.0443, 18.4454, 86.4029

Deuteranopia

18.4759, 18.0425, 36.6912



Tritanopia

28.9689, 17.8675, 8.0528

Trichromacy



Original Color

35.6431, 17.6162, 41.0568



Protanomaly

18.1823, 11.6616, 66.9382



Deuteranomaly

20.9690, 13.8513, 37.6448



Tritanomaly

30.3157, 16.7598, 16.1051

Monochromacy



Original Color

35.6431, 17.6162, 41.0568



Achromatopsia

9.2757, 9.7587, 10.6273



Achromatomaly

14.7253, 9.5282, 18.5158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6431, 17.6162, 41.0568 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(215, 7, 173)` looks like.

```
.text, #text, p{  
    color:rgb(215, 7, 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(215, 7, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 7, 173) }
```

Border

The CSS property to change the border of an element to XYZ 35.6431, 17.6162, 41.0568 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(215, 7, 173) }
```


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

```
.border{ border-color:rgb(215, 7, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 7, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 7, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 7, 173);  
box-shadow:4px 4px 4px 4px rgb(215, 7,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6431, 17.6162, 41.0568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 7, 173) }
```

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

```
.background{ background-color: rgb(215, 7,  
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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