

Converting Colors

XYZ(35.2105, 17.3398, 40.5208)

Have a look what the booklet for
XYZ(35.2105, 17.3398, 40.5208)
contains.

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Color

**XYZ(35.2105, 17.3398,
40.5208)**

Conversions

Conversions Part 1

Format	Color
Hex	D603AC
RGB	214, 3, 172
RGB Percent	84%, 1%, 67%
CMY	0.1608, 0.9881, 0.3255
CMYK	0.00, 0.99, 0.20, 0.16
HSL	312°, 97%, 43%
HSV	312°, 99%, 84%
XYZ	35.2105, 17.3398, 40.5208
YIQ	85.3550, 71.5070, 97.2910

Conversions

Conversions Part 2

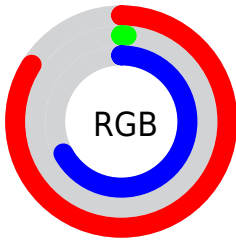
Format	Color
R_{YB}	214, 3, 172
Decimal	14025644
CIE _{Lab}	48.69, 80.28, -32.33
CIE _{LCh}	49, 86.549, 338.064
Yxy	17.3398, 0.3783, 0.1863
Android (android.graphics.Color)	4292215724 (0xFFD603AC)
YUV	85.3550, 42.7160, 112.8217
Hunter-Lab	41.6411, 78.0625, -28.5461

Details

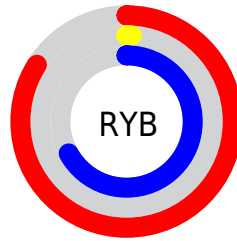
The XYZ color **35.2105, 17.3398, 40.5208** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **24.5591, 48.3028, 10.5153**, and the grayscale version is **8.6160, 9.0647, 9.8715**.

A 20% lighter version of the original color is **59.2463, 34.8668, 77.0061**, and **16.6562, 8.2019, 18.1580** is the 20% darker color. If you saturate the color by 10%, you get **35.1202, 17.2516, 40.2050**, and if you desaturate by 10%, it is **35.9297, 18.1126, 42.8120**.

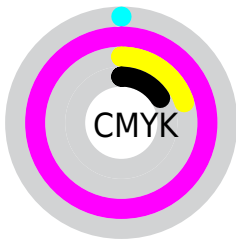
Distribution



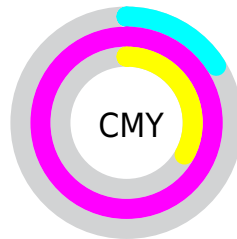
- Red (84%)
- Green (1%)
- Blue (67%)



- 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 35.2105, 17.3398, 40.5208 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 35.2105, 17.3398, 40.5208 by changing the saturation by 10% instead.

 35.2105, 17.3398,
40.5208


 35.2105, 17.3398,
40.5208


316.9883,
237.1230, 363.9310

 23.9923, 10.4771,
27.6280


 67.1436, 38.9091,
77.2017


 15.4526, 5.7164,
17.8088


 88.5893, 54.3844,
101.8268


 9.2261, 2.6734,
10.6448


 114.1748, 73.4994,
131.1997

 4.9472, 0.9637,
5.7174

 144.2656, 96.6385,
165.7390

 2.2508, 0.0000,
2.6080

 179.2270,
124.1859, 205.8633

 0.7693, 0.0000,
0.8966

 219.4243,

 0.0000, 0.0000,

156.5263, 251.9910

0.0000

265.2230,
194.0438, 304.5407

■ 35.2105, 17.3398,
40.5208

■ 35.2105, 17.3398,
40.5208

■ 35.1202, 17.2516,
40.2050

■ 35.9297, 18.1126,
42.8120

■ 36.9938, 19.5540,
45.2834

■ 38.4869, 21.8323,
47.9638

■ 40.4638, 25.0566,
50.8718

■ 42.9710, 29.3197,
54.0237

■ 46.0495, 34.7034,
57.4336

■ 49.7360, 41.2812,
61.1144

■ 54.0643, 49.1202,
65.0777

■ 59.0657, 58.2827,
69.3347

Harmonies

Analogous

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



27.8701, 17.3398, 78.9380



35.2105, 17.3398, 40.5208



36.8260, 17.3398, 13.3610

Triad

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



35.2105, 17.3398, 40.5208



14.4204, 17.3398, 0.0000



7.1099, 17.3398, 61.0147

Complementary

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



35.2105, 17.3398, 40.5208



24.5591, 48.3028, 10.5153

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.



5.4768, 17.3398, 25.7417



35.2105, 17.3398, 40.5208



8.7138, 17.3398, 1.1114

Square

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



35.2105, 17.3398, 40.5208



22.9050, 17.3398, 0.2557



5.9501, 17.3398, 6.7601



11.3866, 17.3398, 96.0464

Rectangle

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



35.2105, 17.3398, 40.5208



34.0728, 17.3398, 4.8320



5.9501, 17.3398, 6.7601



6.3087, 17.3398, 48.0278

Sweetspot

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



35.2111, 17.3407, 40.5211



72.9541, 59.5777, 89.9135



13.1138, 5.4072, 63.9712



15.1058, 11.8416, 18.7420



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.



35.2111, 17.3407, 40.5211



52.1670, 25.6308, 59.4709



28.8652, 14.8023, 7.1039



12.8421, 12.5883, 15.1089



21.2655, 10.4425, 24.5000



1.3102, 0.6409, 1.6230

Inverse Universe

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



35.2111, 17.3407, 40.5211



52.1670, 25.6308, 59.4709



29.3665, 50.2257, 35.8309



12.8421, 12.5883, 15.1089



21.2655, 10.4425, 24.5000



1.3102, 0.6409, 1.6230

Previews

White Background



This preview shows how the XYZ color 35.2105, 17.3398, 40.5208 looks on a white background.

Color Contrast Check

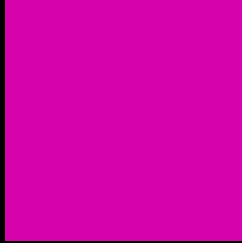
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2105, 17.3398, 40.5208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

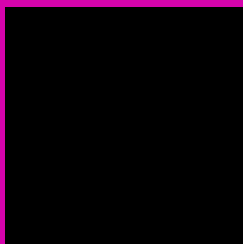
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 35.2105, 17.3398, 40.5208

Background



This preview shows how black text looks on a background with the XYZ color 35.2105, 17.3398, 40.5208.



This preview shows how white text looks on a background with the XYZ color 35.2105, 17.3398,

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

35.2105, 17.3398, 40.5208

Protanopia

21.7823, 18.1611, 85.5765

Deuteranopia

18.2719, 17.9476, 36.2194



Tritanopia

28.6581, 17.7110, 7.8694

Trichromacy



Original Color

35.2105, 17.3398, 40.5208



Protanomaly

17.9191, 11.3427, 66.2107



Deuteranomaly

20.6353, 13.5884, 37.1325



Tritanomaly

29.9020, 16.4394, 15.7845

Monochromacy



Original Color

35.2105, 17.3398, 40.5208



Achromatopsia

8.6345, 9.0842, 9.8927



Achromatomaly

14.0928, 8.9223, 17.8090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2105, 17.3398, 40.5208 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(214, 3, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 3, 172) }
```

Border

The CSS property to change the border of an element to XYZ 35.2105, 17.3398, 40.5208 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, 172) }
```


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

```
.border{ border-color:rgb(214, 3, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 3, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 3, 172);  
box-shadow:4px 4px 4px 4px rgb(214, 3,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2105, 17.3398, 40.5208 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, 172) }
```

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

```
.background{ background-color: rgb(214, 3,  
172) }
```

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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