

Converting Colors

XYZ(35.3696, 18.3678, 38.9596)

Have a look what the booklet for
XYZ(35.3696, 18.3678, 38.9596)
contains.

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Color

**XYZ(35.4303, 18.3850,
38.7271)**

Conversions

Conversions Part 1

Format	Color
Hex	D624A8
RGB	214, 36, 168
RGB Percent	84%, 14%, 66%
CMY	0.1608, 0.8588, 0.3412
CMYK	0.00, 0.83, 0.21, 0.16
HSL	316°, 71%, 49%
HSV	316°, 83%, 84%
XYZ	35.4303, 18.3850, 38.7271
YIQ	104.2700, 63.7160, 78.7880

Conversions

Conversions Part 2

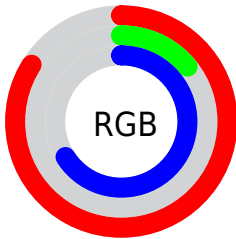
Format	Color
R_{YB}	214, 36, 168
Decimal	14034088
CIE _{Lab}	49.96, 75.54, -27.98
CIE _{LCh}	50, 80.551, 339.674
Yxy	18.3850, 0.3829, 0.1987
Android (android.graphics.Color)	4292224168 (0xFFD624A8)
YUV	104.2700, 31.4189, 96.2332
Hunter-Lab	42.8777, 72.4603, -23.5362

Details

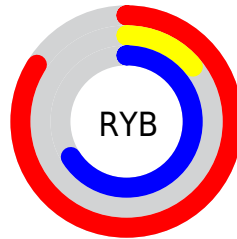
The XYZ color **35.4303, 18.3850, 38.7271** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **26.2982, 49.0781, 16.0723**, and the grayscale version is **13.1387, 13.8230, 15.0532**.

A 20% lighter version of the original color is **59.6109, 36.6909, 73.7522**, and **16.6700, 8.2295, 17.2328** is the 20% darker color. If you saturate the color by 10%, you get **34.4605, 17.2524, 35.9155**, and if you desaturate by 10%, it is **36.8097, 20.3013, 41.7836**.

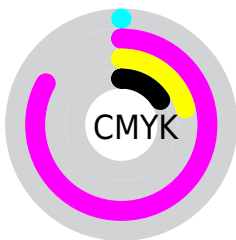
Distribution



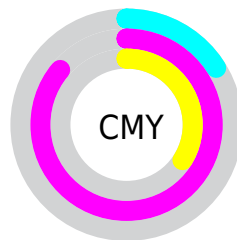
- Red (84%)
- Green (14%)
- Blue (66%)



- Red (84%)
- Yellow (14%)
- Blue (66%)



- Cyan (0%)
- Magenta (83%)
- Yellow (21%)
- Black (16%)





- Cyan (16%)
- Magenta (86%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4303, 18.3850, 38.7271 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 35.4303, 18.3850, 38.7271 by changing the saturation by 10% instead.

 35.4303, 18.3850,
38.7271


 35.4303, 18.3850,
38.7271


317.9384,
243.0322, 356.1201

 24.1626, 11.2267,
26.2413


 67.4815, 40.6923,
74.4370

 15.5797, 6.2196,
16.7769


 88.9957, 56.6101,
98.4981


 9.3162, 2.9790,
9.9153


 114.6560, 76.2165,
127.2548

 5.0067, 1.1208,
5.2379

 144.8280, 99.8960,
161.1256

 2.2860, 0.0000,
2.3264

 179.8768,
128.0329, 200.5289

 0.7875, 0.0000,
0.7459

220.1680,

 0.0000, 0.0000,

161.0117, 245.8835

0.0000

266.0667,
199.2167, 297.6077

■ 35.4303, 18.3850,
38.7271

■ 35.4303, 18.3850,
38.7271

■ 34.4605, 17.2524,
35.9155

■ 36.8097, 20.3013,
41.7836

■ 33.9631, 16.7888,
34.1118

■ 38.6572, 23.1185,
45.1055

■ 41.0234, 26.9372,
48.7111

■ 43.9517, 31.8437,
52.6159

■ 47.4807, 37.9151,
56.8343

■ 51.6457, 45.2213,
61.3791

■ 56.4792, 53.8268,
66.2623

■ 62.0112, 63.7915,
71.4952

■ 68.2701, 75.1718,
77.0884

Harmonies

Analogous

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



28.7752, 18.3850, 73.8510



35.4303, 18.3850, 38.7271



36.5858, 18.3850, 13.6870

Triad

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



35.4303, 18.3850, 38.7271



15.0954, 18.3850, 0.4706



8.3542, 18.3850, 61.3058

Complementary

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



35.4303, 18.3850, 38.7271



26.2982, 49.0781, 16.0723

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.



6.5415, 18.3850, 28.0509



35.4303, 18.3850, 38.7271



9.6039, 18.3850, 1.8835

Square

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



35.4303, 18.3850, 38.7271



23.1580, 18.3850, 0.7412



6.9192, 18.3850, 8.5798



12.8063, 18.3850, 92.2661

Rectangle

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



35.4303, 18.3850, 38.7271



33.8166, 18.3850, 5.4808



6.9192, 18.3850, 8.5798



7.4856, 18.3850, 49.3244

Sweetspot

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



35.4309, 18.3860, 38.7274



75.4351, 64.8346, 89.8317



16.1205, 7.8454, 64.2833



15.6674, 13.0358, 18.7101



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.



35.4309, 18.3860, 38.7274



50.4358, 24.9383, 50.3542



29.8299, 16.1455, 9.2328



12.8096, 12.5753, 14.9374



20.5728, 10.1654, 20.8522



1.2737, 0.6263, 1.4307

Inverse Universe

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



35.4309, 18.3860, 38.7274



50.4358, 24.9383, 50.3542



31.9836, 51.3522, 46.0108



12.8096, 12.5753, 14.9374



20.5728, 10.1654, 20.8522



1.2737, 0.6263, 1.4307

Previews

White Background



This preview shows how the XYZ color 35.4303, 18.3850, 38.7271 looks on a white background.

Color Contrast Check

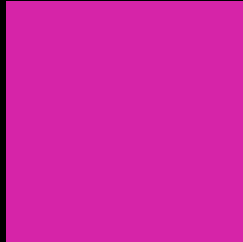
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 35.4303, 18.3850, 38.7271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

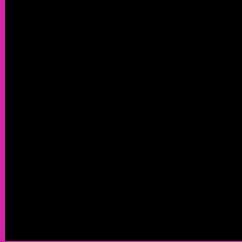
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4303, 18.3850, 38.7271

Background



This preview shows how black text looks on a background with the XYZ color 35.4303, 18.3850, 38.7271.



This preview shows how white text looks on a background with the XYZ color 35.4303, 18.3850,

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

35.4303, 18.3850, 38.7271

Protanopia

22.0496, 18.9882, 77.3659

Deuteranopia

19.0804, 18.7405, 34.9594



Tritanopia

29.1105, 18.2924, 9.0177

Trichromacy



Original Color

35.4303, 18.3850, 38.7271



Protanomaly

21.3528, 14.7661, 60.7562



Deuteranomaly

22.2241, 15.8840, 36.0770



Tritanomaly

30.6729, 17.8090, 16.5727

Monochromacy



Original Color

35.4303, 18.3850, 38.7271



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

18.1283, 13.0536, 21.6428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4303, 18.3850, 38.7271 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, 36, 168)` looks like.

```
.text, #text, p{  
    color:rgb(214, 36, 168)  
}
```

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, 36, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 36, 168) }
```

Border

The CSS property to change the border of an element to XYZ 35.4303, 18.3850, 38.7271 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, 36, 168) }
```


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

```
.border{ border-color:rgb(214, 36, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 36, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 36, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 36, 168);  
box-shadow:4px 4px 4px 4px rgb(214, 36,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4303, 18.3850, 38.7271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 36, 168) }
```

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

```
.background{ background-color: rgb(214, 36,  
168) }
```

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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