

Converting Colors

XYZ(35.0184, 18.4330, 32.5228)

Have a look what the booklet for
XYZ(35.0184, 18.4330, 32.5228)
contains.

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Color

**XYZ(34.9608, 18.4165,
32.7225)**

Conversions

Conversions Part 1

Format	Color
Hex	D8279B
RGB	216, 39, 155
RGB Percent	85%, 15%, 61%
CMY	0.1529, 0.8470, 0.3922
CMYK	0.00, 0.82, 0.28, 0.15
HSL	321°, 69%, 50%
HSV	321°, 82%, 85%
XYZ	34.9608, 18.4165, 32.7225
YIQ	105.1470, 68.2560, 73.6000

Conversions

Conversions Part 2

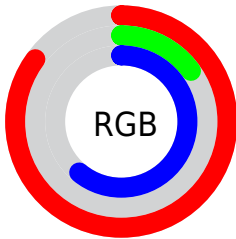
Format	Color
R_{YB}	216, 39, 155
Decimal	14165915
CIE _{Lab}	50.00, 73.78, -20.18
CIE _{LCh}	50, 76.486, 344.705
Yxy	18.4165, 0.4060, 0.2139
Android (android.graphics.Color)	4292355995 (0xFFD8279B)
YUV	105.1470, 24.5775, 97.2181
Hunter-Lab	42.9144, 70.3170, -15.1688

Details

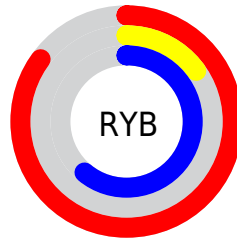
The XYZ color **34.9608, 18.4165, 32.7225** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **27.6941, 50.4638, 20.3409**, and the grayscale version is **13.3915, 14.0889, 15.3428**.

A 20% lighter version of the original color is **58.0269, 36.2212, 64.9058**, and **16.2090, 8.0674, 13.7996** is the 20% darker color. If you saturate the color by 10%, you get **33.8361, 17.1369, 29.3574**, and if you desaturate by 10%, it is **36.5284, 20.5199, 36.4257**.

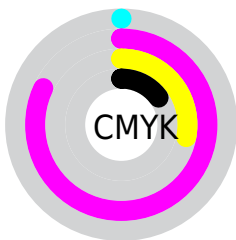
Distribution



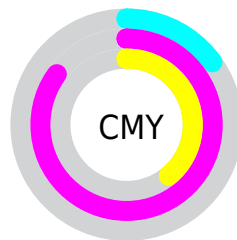
- Red (85%)
- Green (15%)
- Blue (61%)



- Red (85%)
- Yellow (15%)
- Blue (61%)



- Cyan (0%)
- Magenta (82%)
- Yellow (28%)
- Black (15%)





- Cyan (15%)
- Magenta (85%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9608, 18.4165, 32.7225 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 34.9608, 18.4165, 32.7225 by changing the saturation by 10% instead.

 34.9608, 18.4165,
32.7225


 34.9608, 18.4165,
32.7225


315.9063,
243.2083, 328.9910


 23.7991, 11.2494,
21.6446


 66.7595, 40.7458,
65.0530

 15.3086, 6.2349,
13.4002


 88.1271, 56.6767,
87.1428


 9.1239, 2.9884,
7.5707


 113.6274, 76.2978,
113.7401

 4.8799, 1.1257,
3.7377

 143.6257, 99.9934,
145.2637

 2.2110, 0.0000,
1.4826

 178.4874,
128.1478, 182.1321

 0.7485, 0.0000,
0.2049

218.5778,

 0.0000, 0.0000,

161.1455, 224.7637

0.0000

264.2623,
199.3709, 273.5772

■ 34.9608, 18.4165,
32.7225

■ 34.9608, 18.4165,
32.7225

■ 33.8361, 17.1369,
29.3574

■ 36.5284, 20.5199,
36.4257

■ 33.1680, 16.5386,
26.8601

■ 38.5977, 23.5640,
40.4895

■ 41.2198, 27.6499,
44.9343

■ 44.4387, 32.8647,
49.7780

■ 48.2941, 39.2865,
55.0368

■ 52.8218, 46.9861,
60.7257

■ 58.0551, 56.0292,
66.8587

■ 64.0249, 66.4766,
73.4490

■ 70.7603, 78.3856,
80.5091

Harmonies

Analogous

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



29.4335, 18.4165, 64.7090



34.9608, 18.4165, 32.7225



35.0206, 18.4165, 11.4399

Triad

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



34.9608, 18.4165, 32.7225



14.1594, 18.4165, 0.8545



9.2648, 18.4165, 64.0674

Complementary

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



34.9608, 18.4165, 32.7225



27.6941, 50.4638, 20.3409

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.



7.0913, 18.4165, 32.1676



34.9608, 18.4165, 32.7225



9.3323, 18.4165, 2.8564

Square

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



34.9608, 18.4165, 32.7225



21.4993, 18.4165, 0.8687



7.1120, 18.4165, 11.1652



14.0377, 18.4165, 89.8108

Rectangle

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



34.9608, 18.4165, 32.7225



31.8664, 18.4165, 4.7169



7.1120, 18.4165, 11.1652



8.2736, 18.4165, 53.0093

Sweetspot

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



34.9614, 18.4175, 32.7228



74.6374, 64.5155, 85.6307



18.1587, 9.0070, 65.7474



15.4756, 12.9591, 17.7000



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.



34.9614, 18.4175, 32.7228



48.4446, 24.2304, 39.5958



30.1040, 16.4745, 7.1443



12.7627, 12.5566, 14.6908



19.6846, 9.8102, 16.1751



1.2255, 0.6070, 1.1770

Inverse Universe

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



34.9614, 18.4175, 32.7228



48.4446, 24.2304, 39.5958



34.3096, 53.1100, 55.1779



12.7627, 12.5566, 14.6908



19.6846, 9.8102, 16.1751



1.2255, 0.6070, 1.1770

Previews

White Background



This preview shows how the XYZ color 34.9608, 18.4165, 32.7225 looks on a white background.

Color Contrast Check

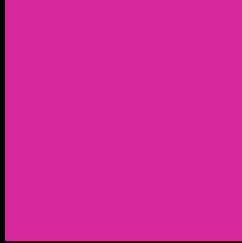
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9608, 18.4165, 32.7225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

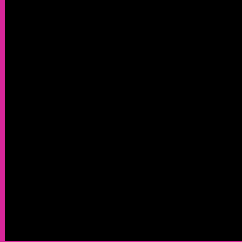
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.9608, 18.4165, 32.7225

Background



This preview shows how black text looks on a background with the XYZ color 34.9608, 18.4165, 32.7225.



This preview shows how white text looks on a background with the XYZ color 34.9608, 18.4165,

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

34.9608, 18.4165, 32.7225

Protanopia

21.2254, 19.0125, 64.8384

Deuteranopia

19.0208, 18.6495, 29.7913



Tritanopia

29.9091, 18.4389, 8.2860

Trichromacy



Original Color

34.9608, 18.4165, 32.7225



Protanomaly

21.7287, 15.4184, 51.1210



Deuteranomaly

22.3236, 16.1847, 30.3811



Tritanomaly

31.1126, 18.0024, 14.6670

Monochromacy



Original Color

34.9608, 18.4165, 32.7225



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

18.1946, 13.3347, 20.3538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9608, 18.4165, 32.7225 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(216, 39, 155)` looks like.

```
.text, #text, p{  
    color:rgb(216, 39, 155)  
}
```

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(216, 39, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 39, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.9608, 18.4165, 32.7225 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(216, 39, 155) }
```


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

```
.border{ border-color:rgb(216, 39, 155) }
```

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

Here you see how a box with a 4 pixel rgb(216, 39, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 39, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 39, 155);  
box-shadow:4px 4px 4px 4px rgb(216, 39,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9608, 18.4165, 32.7225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 39, 155) }
```

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

```
.background{ background-color: rgb(216, 39,  
155) }
```

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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