

Converting Colors

XYZ(35.3835, 29.8920, 39.2741)

Have a look what the booklet for
XYZ(35.3835, 29.8920, 39.2741)
contains.

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Color

**XYZ(35.4288, 29.9308,
39.5072)**

Conversions

Conversions Part 1

Format	Color
Hex	BA85A5
RGB	186, 133, 165
RGB Percent	73%, 52%, 65%
CMY	0.2706, 0.4784, 0.3529
CMYK	0.00, 0.28, 0.11, 0.27
HSL	324°, 28%, 63%
HSV	324°, 28%, 73%
XYZ	35.4288, 29.9308, 39.5072
YIQ	152.4950, 21.3160, 21.1880

Conversions

Conversions Part 2

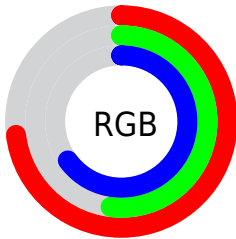
Format	Color
RYB	186, 133, 165
Decimal	12223909
CIELab	61.59, 25.38, -8.87
CIELCh	62, 26.885, 340.746
Yxy	29.9308, 0.3378, 0.2854
Android (android.graphics.Color)	4290413989 (0xFFBA85A5)
YUV	152.4950, 6.1650, 29.3839
Hunter-Lab	54.7090, 19.8532, -4.5189

Details

The XYZ color **35.4288, 29.9308, 39.5072** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.0658, 42.4384, 37.0226**, and the grayscale version is **30.0275, 31.5912, 34.4028**.

A 20% lighter version of the original color is **67.6507, 59.7626, 75.6799**, and **15.5896, 12.2843, 17.1722** is the 20% darker color. If you saturate the color by 10%, you get **32.4527, 25.0212, 35.3003**, and if you desaturate by 10%, it is **38.8962, 35.7604, 44.0693**.

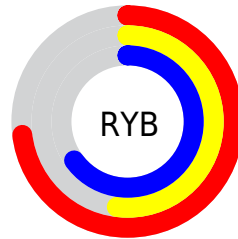
Distribution



Red (73%)

Green (52%)

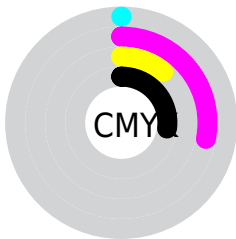
Blue (65%)



Red (73%)

Yellow (52%)

Blue (65%)

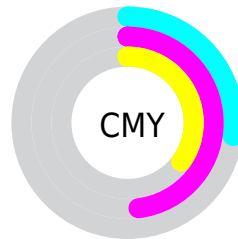


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (48%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4288, 29.9308, 39.5072 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 35.4288, 29.9308, 39.5072 by changing the saturation by 10% instead.


 35.4288, 29.9308,
39.5072


 35.4288, 29.9308,
39.5072


317.9320,
301.5818, 359.5322


 24.1614, 19.7861,
26.8437


 67.4792, 59.5527,
75.6414

 15.5788, 12.2396,
17.2244


 88.9929, 79.7987,
99.9491

 9.3155, 6.9071,
10.2310


 114.6528,
104.1806, 128.9753

 5.0063, 3.4041,
5.4448

144.8241,
133.0827, 163.1385

 2.2858, 1.3461,
2.4473

179.8724,
166.8895, 202.8572

 0.7874, 0.1765,
0.8120

220.1629,

 0.0000, 0.0000,

205.9853, 248.5501

0.0000

266.0610,
250.7546, 300.6356

■ 35.4288, 29.9308,
39.5072

■ 35.4288, 29.9308,
39.5072

■ 32.4527, 25.0212,
35.3003

■ 38.8962, 35.7604,
44.0693

■ 29.9410, 20.9797,
31.4355

■ 42.8750, 42.5502,
48.9954

■ 27.8677, 17.7554,
27.9011

■ 47.3872, 50.3431,
54.2962

■ 26.2035, 15.2905,
24.6841

■ 52.4529, 59.1781,
59.9814

■ 24.9149, 13.5195,
21.7698

■ 58.0909, 69.0919,
66.0601

■ 23.9632, 12.3656,
19.1418

■ 64.3193, 80.1198,
72.5413

■ 23.2840, 11.7016,
16.7749

■ 68.4815, 86.9479,
78.5421

■ 23.1911, 11.6157,
16.4358

■ 69.4596, 87.3391,
83.6926

■ 70.4810, 87.7477,
89.0714

Harmonies

Analogous

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



33.1651, 29.9308, 49.8558



35.4288, 29.9308, 39.5072



35.7346, 29.9308, 29.0618

Triad

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



35.4288, 29.9308, 39.5072



27.1883, 29.9308, 16.8470



23.5610, 29.9308, 47.1691

Complementary

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



35.4288, 29.9308, 39.5072



33.0658, 42.4384, 37.0226

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.



22.2266, 29.9308, 36.3919



35.4288, 29.9308, 39.5072



24.2014, 29.9308, 19.8557

Square

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



35.4288, 29.9308, 39.5072



30.7710, 29.9308, 17.3376



22.4508, 29.9308, 26.5306



26.2455, 29.9308, 54.8794

Rectangle

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



35.4288, 29.9308, 39.5072



34.7610, 29.9308, 23.5418



22.4508, 29.9308, 26.5306



22.9503, 29.9308, 43.7012

Sweetspot

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



35.4297, 29.9322, 39.5078



77.2100, 76.2613, 88.1994



30.4485, 27.1250, 50.0857



16.7593, 16.3763, 19.1272



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.4297, 29.9322, 39.5078



60.8393, 48.6571, 66.9051



33.3120, 29.0851, 28.3562



9.2261, 9.1008, 10.5382



15.6398, 7.8297, 11.2560



0.5809, 0.2878, 0.5526

Inverse Universe

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



35.4297, 29.9322, 39.5078



60.8393, 48.6571, 66.9051



35.4524, 43.3930, 49.5900



9.2261, 9.1008, 10.5382



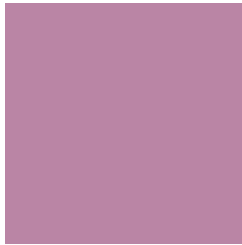
15.6398, 7.8297, 11.2560



0.5809, 0.2878, 0.5526

Previews

White Background



This preview shows how the XYZ color 35.4288, 29.9308, 39.5072 looks on a white background.

Color Contrast Check

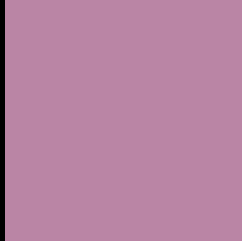
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4288, 29.9308, 39.5072 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 35.4288, 29.9308, 39.5072

Background



This preview shows how black text looks on a background with the XYZ color 35.4288, 29.9308, 39.5072.



This preview shows how white text looks on a background with the XYZ color 35.4288, 29.9308,

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

35.4288, 29.9308, 39.5072

Protanopia

29.8294, 30.2042, 44.8153

Deuteranopia

30.6409, 30.0632, 38.8382



Tritanopia

33.8378, 29.9053, 31.5926

Trichromacy



Original Color

35.4288, 29.9308, 39.5072

Protanomaly

31.4712, 29.9561, 42.6515

Deuteranomaly

32.3742, 30.0549, 39.2168

Tritanomaly

34.5043, 29.9753, 34.5391

Monochromacy



Original Color

35.4288, 29.9308, 39.5072

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.5210, 30.5776, 36.1390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4288, 29.9308, 39.5072 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(186, 133, 165)` looks like.

```
.text, #text, p{  
    color:rgb(186, 133, 165)  
}
```

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(186, 133, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 133, 165) }
```

Border

The CSS property to change the border of an element to XYZ 35.4288, 29.9308, 39.5072 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(186, 133, 165) }
```


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

```
.border{ border-color:rgb(186, 133, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 133, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 133, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 133, 165);  
box-shadow:4px 4px 4px 4px rgb(186, 133,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4288, 29.9308, 39.5072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 133, 165) }
```

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

```
.background{ background-color: rgb(186,  
133, 165) }
```

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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