

Converting Colors

XYZ(35.2499, 30.0951, 39.4372)

Have a look what the booklet for
XYZ(35.2499, 30.0951, 39.4372)
contains.

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Color

**XYZ(35.3242, 30.0811,
39.5418)**

Conversions

Conversions Part 1

Format	Color
Hex	B986A5
RGB	185, 134, 165
RGB Percent	73%, 53%, 65%
CMY	0.2745, 0.4745, 0.3529
CMYK	0.00, 0.28, 0.11, 0.27
HSL	324°, 27%, 63%
HSV	324°, 28%, 73%
XYZ	35.3242, 30.0811, 39.5418
YIQ	152.7830, 20.4450, 20.4530

Conversions

Conversions Part 2

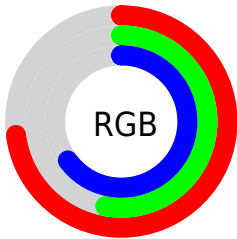
Format	Color
R _Y B	185, 134, 165
Decimal	12158629
CIE Lab	61.72, 24.47, -8.68
CIE LCh	62, 25.963, 340.460
Yxy	30.0811, 0.3366, 0.2866
Android (android.graphics.Color)	4290348709 (0xFFB986A5)
YUV	152.7830, 6.0230, 28.2543
Hunter-Lab	54.8462, 18.9836, -4.3532

Details

The XYZ color **35.3242, 30.0811, 39.5418** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.0144, 42.1001, 36.9598**, and the grayscale version is **30.1531, 31.7235, 34.5468**.

A 20% lighter version of the original color is **67.5194, 60.0110, 75.7348**, and **15.5110, 12.3582, 17.1906** is the 20% darker color. If you saturate the color by 10%, you get **32.3458, 25.1511, 35.3829**, and if you desaturate by 10%, it is **38.7891, 35.9234, 44.0484**.

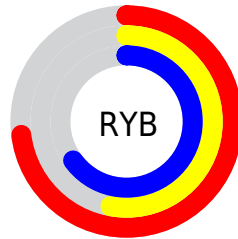
Distribution



Red (73%)

Green (53%)

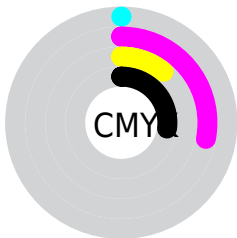
Blue (65%)



Red (73%)

Yellow (53%)

Blue (65%)

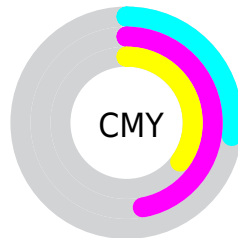


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (47%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3242, 30.0811, 39.5418 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 35.3242, 30.0811, 39.5418 by changing the saturation by 10% instead.


 35.3242, 30.0811,
39.5418


 35.3242, 30.0811,
39.5418


317.4800,
302.2823, 359.6830


 24.0804, 19.9002,
26.8704


 67.3184, 59.7904,
75.6947

 15.5183, 12.3225,
17.2443


 88.7996, 80.0876,
100.0133

 9.2726, 6.9637,
10.2451

 114.4238,
104.5256, 129.0514

 4.9780, 3.4394,
5.4540

144.5566,
133.4888, 163.2275

 2.2690, 1.3652,
2.4527

179.5633,
167.3617, 202.9602

 0.7787, 0.1909,
0.8149

219.8092,

 0.0000, 0.0000,

206.5287, 248.6680

0.0000

265.6596,
251.3741, 300.7694

■ 35.3242, 30.0811,
39.5418

■ 35.3242, 30.0811,
39.5418

■ 32.3458, 25.1511,
35.3829

■ 38.7891, 35.9234,
44.0484

■ 29.8274, 21.0824,
31.5588

■ 42.7601, 42.7174,
48.9112

■ 27.7438, 17.8254,
28.0584

■ 47.2588, 50.5050,
54.1407

■ 26.0663, 15.3235,
24.8688

■ 52.3049, 59.3245,
59.7462

■ 24.7624, 13.5130,
21.9760

■ 57.9169, 69.2122,
65.7366

■ 23.7942, 12.3193,
19.3640

■ 64.1125, 80.2025,
72.1206

■ 23.1061, 11.6319,
17.0107

■ 68.1351, 86.7813,
77.9819

■ 22.9573, 11.4942,
16.4687

■ 69.0930, 87.1645,
83.0259

■ 70.0928, 87.5644,
88.2908

Harmonies

Analogous

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



33.1252, 30.0811, 49.4777



35.3242, 30.0811, 39.5418



35.6387, 30.0811, 29.4171

Triad

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



35.3242, 30.0811, 39.5418



27.4013, 30.0811, 17.3728



23.8260, 30.0811, 46.7250

Complementary

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



35.3242, 30.0811, 39.5418



33.0144, 42.1001, 36.9598

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.



22.5400, 30.0811, 36.3325



35.3242, 30.0811, 39.5418



24.4910, 30.0811, 20.2990

Square

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



35.3242, 30.0811, 39.5418



30.8725, 30.0811, 17.8888



22.7732, 30.0811, 26.7898



26.4251, 30.0811, 54.1689

Rectangle

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



35.3242, 30.0811, 39.5418



34.7122, 30.0811, 24.0194



22.7732, 30.0811, 26.7898



23.2357, 30.0811, 43.3827

Sweetspot

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



35.3251, 30.0825, 39.5424



76.1554, 75.7711, 87.0892



30.5243, 27.3805, 49.5755



16.1764, 15.9203, 18.4852



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.3251, 30.0825, 39.5424



59.9771, 48.4101, 66.2958



33.2637, 29.2579, 28.6873



9.2277, 9.1014, 10.5464



15.6684, 7.8411, 11.4063



0.5818, 0.2882, 0.5573

Inverse Universe

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



35.3251, 30.0825, 39.5424



59.9771, 48.4101, 66.2958



35.3232, 43.0237, 49.1176



9.2277, 9.1014, 10.5464



15.6684, 7.8411, 11.4063



0.5818, 0.2882, 0.5573

Previews

White Background



This preview shows how the XYZ color 35.3242, 30.0811, 39.5418 looks on a white background.

Color Contrast Check

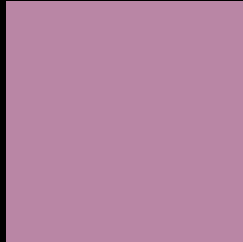
Large Text (above 18pt) WCAG AA × Fail

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 35.3242, 30.0811, 39.5418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

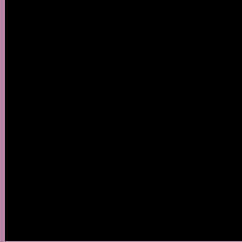
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3242, 30.0811, 39.5418

Background



This preview shows how black text looks on a background with the XYZ color 35.3242, 30.0811, 39.5418.



This preview shows how white text looks on a background with the XYZ color 35.3242, 30.0811,

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

35.3242, 30.0811, 39.5418

Protanopia

29.9069, 30.2555, 44.3080

Deuteranopia

30.8368, 30.1642, 38.8473



Tritanopia

33.8194, 30.0967, 32.0437

Trichromacy



Original Color

35.3242, 30.0811, 39.5418

Protanomaly

31.6704, 30.0588, 42.6608

Deuteranomaly

32.3742, 30.0549, 39.2168

Tritanomaly

34.4041, 30.1318, 34.5746

Monochromacy



Original Color

35.3242, 30.0811, 39.5418

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.8817, 30.9914, 36.1999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3242, 30.0811, 39.5418 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(185, 134, 165)` looks like.

```
.text, #text, p{  
    color:rgb(185, 134, 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(185, 134, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 134, 165) }
```

Border

The CSS property to change the border of an element to XYZ 35.3242, 30.0811, 39.5418 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(185, 134, 165) }
```


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

```
.border{ border-color:rgb(185, 134, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 134, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 134, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 134, 165);  
box-shadow:4px 4px 4px 4px rgb(185, 134,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3242, 30.0811, 39.5418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 134, 165) }
```

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

```
.background{ background-color: rgb(185,  
134, 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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