

Converting Colors

XYZ(35.9569, 29.7289, 34.0741)

Have a look what the booklet for
XYZ(35.9569, 29.7289, 34.0741)
contains.

XYZ(35.9805, 29.7345, 33.9799)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.9805, 29.7345,
33.9799)**

Conversions

Conversions Part 1

Format	Color
Hex	C28299
RGB	194, 130, 153
RGB Percent	76%, 51%, 60%
CMY	0.2392, 0.4902, 0.4000
CMYK	0.00, 0.33, 0.21, 0.24
HSL	338°, 34%, 64%
HSV	338°, 33%, 76%
XYZ	35.9805, 29.7345, 33.9799
YIQ	151.7580, 30.7610, 20.7210

Conversions

Conversions Part 2

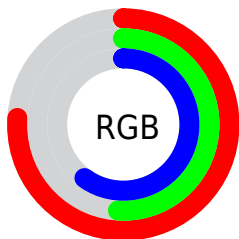
Format	Color
R_YB	194, 130, 153
Decimal	12747417
CIE Lab	61.42, 27.97, -2.17
CIE LCh	61, 28.056, 355.566
Yxy	29.7345, 0.3609, 0.2983
Android (android.graphics.Color)	4290937497 (0xFFC28299)
YUV	151.7580, 0.6123, 37.0462
Hunter-Lab	54.5293, 22.3546, 1.2241

Details

The XYZ color **35.9805, 29.7345, 33.9799** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.8497, 46.2704, 45.5719**, and the grayscale version is **29.7296, 31.2779, 34.0616**.

A 20% lighter version of the original color is **68.5479, 59.4814, 66.8997**, and **15.9144, 12.1856, 14.0836** is the 20% darker color. If you saturate the color by 10%, you get **32.6656, 24.6626, 28.0713**, and if you desaturate by 10%, it is **39.8906, 35.8249, 40.6151**.

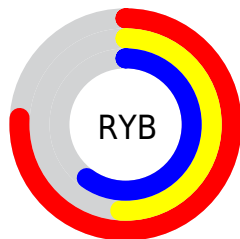
Distribution



Red (76%)

Green (51%)

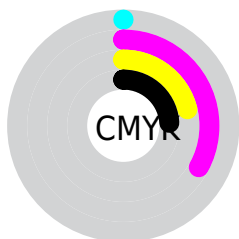
Blue (60%)



Red (76%)

Yellow (51%)

Blue (60%)

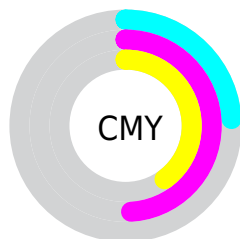


Cyan (0%)

Magenta (33%)

Yellow (21%)

Black (24%)



Cyan (24%)

Magenta (49%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9805, 29.7345, 33.9799 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 35.9805, 29.7345, 33.9799 by changing the saturation by 10% instead.


 35.9805, 29.7345,
33.9799


 35.9805, 29.7345,
33.9799


320.3080,
300.6649, 334.8088


 24.5892, 19.6372,
22.6009


 68.3260, 59.2421,
67.0359

 15.8983, 12.1316,
14.0966


 90.0110, 79.4210,
89.5501

 9.5426, 6.8333,
8.0484


 115.8578,
103.7294, 116.6131

 5.1567, 3.3581,
4.0377

146.2319,
132.5514, 148.6434

 2.3752, 1.3214,
1.6460

181.4986,
166.2716, 186.0596

 0.8327, 0.1577,
0.3234

222.0233,

 0.0000, 0.0000,

205.2744, 229.2802

0.0000

268.1713,
249.9440, 278.7237

■ 35.9805, 29.7345,
33.9799

■ 35.9805, 29.7345,
33.9799

■ 32.6656, 24.6626,
28.0713

■ 39.8906, 35.8249,
40.6151

■ 29.9125, 20.5489,
22.8612

■ 44.4216, 42.9815,
48.0001

■ 27.6888, 17.3332,
18.3222


■ 49.6010, 51.2538,
56.1588


■ 25.9569, 14.9467,
14.4240


■ 55.4536, 60.6871,
65.1139


■ 24.6743, 13.3102,
11.1337


■ 62.0031, 71.3241,
74.8869


 23.7905, 12.3291,
8.4142

 69.2719, 83.2055,
85.4985

 23.3446, 11.9079,
6.8147

 73.7369, 89.2808,
95.7871

 75.6475, 90.0451,
105.8482

 76.0582, 90.2094,
108.0112

Harmonies

Analogous

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



34.5576, 29.7345, 45.3450



35.9805, 29.7345, 33.9799



35.1916, 29.7345, 24.3413

Triad

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



35.9805, 29.7345, 33.9799



25.2960, 29.7345, 17.2317



24.4198, 29.7345, 52.2995

Complementary

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



35.9805, 29.7345, 33.9799



35.8497, 46.2704, 45.5719

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.



22.3071, 29.7345, 42.0083



35.9805, 29.7345, 33.9799



22.7811, 29.7345, 22.1503

Square

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



35.9805, 29.7345, 33.9799



28.8164, 29.7345, 15.9903



21.7343, 29.7345, 30.8230



27.7142, 29.7345, 57.2908

Rectangle

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



35.9805, 29.7345, 33.9799



33.5513, 29.7345, 19.8776



21.7343, 29.7345, 30.8230



23.5596, 29.7345, 49.2491

Sweetspot

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



35.9813, 29.7359, 33.9805



83.0138, 81.9022, 91.0010



34.4145, 28.4675, 54.7201



17.8954, 17.4839, 19.4771



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.



35.9813, 29.7359, 33.9805



60.5012, 46.6847, 53.2613



35.4436, 31.4128, 25.3160



10.2194, 10.1364, 11.2459



15.3843, 7.8435, 4.6698



0.6978, 0.3521, 0.3762

Inverse Universe

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



35.9813, 29.7359, 33.9805



60.5012, 46.6847, 53.2613



36.3913, 43.5352, 57.5242



10.2194, 10.1364, 11.2459



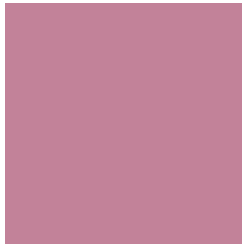
15.3843, 7.8435, 4.6698



0.6978, 0.3521, 0.3762

Previews

White Background



This preview shows how the XYZ color 35.9805, 29.7345, 33.9799 looks on a white background.

Color Contrast Check

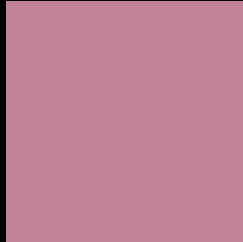
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9805, 29.7345, 33.9799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

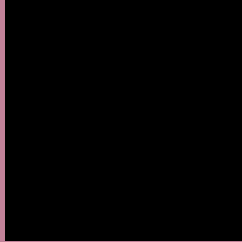
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9805, 29.7345, 33.9799

Background



This preview shows how black text looks on a background with the XYZ color 35.9805, 29.7345, 33.9799.



This preview shows how white text looks on a background with the XYZ color 35.9805, 29.7345,

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

35.9805, 29.7345, 33.9799

Protanopia

29.3234, 30.0632, 39.3792

Deuteranopia

30.3786, 29.8299, 33.0108



Tritanopia

35.1261, 29.7930, 29.4905

Trichromacy



Original Color

35.9805, 29.7345, 33.9799

Protanomaly

31.1799, 29.4803, 37.3046

Deuteranomaly

32.2741, 29.6983, 33.3095

Tritanomaly

35.2969, 29.6454, 31.0559

Monochromacy



Original Color

35.9805, 29.7345, 33.9799

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.5771, 30.4290, 33.9149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9805, 29.7345, 33.9799 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(194, 130, 153)` looks like.

```
.text, #text, p{  
    color:rgb(194, 130, 153)  
}
```

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(194, 130, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 130, 153) }
```

Border

The CSS property to change the border of an element to XYZ 35.9805, 29.7345, 33.9799 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(194, 130, 153) }
```


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

```
.border{ border-color:rgb(194, 130, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 130, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 130, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 130, 153);  
box-shadow:4px 4px 4px 4px rgb(194, 130,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9805, 29.7345, 33.9799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 130, 153) }
```

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

```
.background{ background-color: rgb(194,  
130, 153) }
```

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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